"ASSESSING IMPLANT DENTISTRY AWARENESS AMONG POSTGRADUATE DENTAL STUDENTS: A SURVEY STUDY"

Dissertation

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BABU BANARASI DAS UNIVERSITY

LUCKNOW, UTTAR PRADESH

In the partial fulfillment of the requirements for the degree

of

MASTER OF DENTAL SURGERY

In

PROSTHODONTICS, CROWN & BRIDGE

By

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Under the guidance of

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BABU BANARASI DAS COLLEGE OF DENTAL SCIENCES,

LUCKNOW

(Faculty of Babu Banarasi Das University)

Batch:2021-2024 **Enrollment number:12103292955**

DECLARATION BY THE CANDIDATE

I hereby declare that this dissertation entitled "**ASSESSING IMPLANT DENTISTRY AWARENESS AMONG POSTGRADUATE DENTAL STUDENTS: A SURVEY STUDY**" is a bonafide and genuine research work carried out by me under the guidance of **DR. MANOJ UPADHYAY**,Professor, Department of Prosthodontics, Babu Banarasi Das College of Dental Sciences, Lucknow, Uttar Pradesh.

Place: Lucknow **DR. AISHWARYA GUNJAN**

Date:

CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled **"ASSESSING IMPLANT DENTISTRY AWARENESS AMONG POSTGRADUATE DENTAL STUDENTS: A SURVEY STUDY"** is a bonafide work done by **DR. AISHWARYA GUNJAN**, under my direct supervision and guidance in partial fulfillment of the requirements for the degree of Master of Dental Surgery (MDS) in Department of Prosthodontics.

Place:Lucknow

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ENDORSEMENT BY THE HEAD OF THE DEPARTMENT

This is to certify that the dissertation entitled **"ASSESSING IMPLANT DENTISTRY AWARENESS AMONG POSTGRADUATE DENTAL STUDENTS: A SURVEY STUDY"** is a bonafide work done by **DR. AISHWARYA GUNJAN**, under the supervision of **DR. SWATI GUPTA**, Head of the Department of Prosthodontics in partial fulfillment of the requirements for the degree of Master of Dental Surgery (MDS) in Department of Prosthodontics.

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I hereby declare that Babu Banarasi Das University shall have the right to preserve, use and disseminate this dissertation in print or electronic format for academic/ research purposes.

Dr.Aishwarya Gunjan

Place: Lucknow

Date:

“To the superheroes who raised me!

I'm forever grateful for your sacrifices and affection ”

DEDICATED TO MY PARENTS

Dr.Anjana Verma

Dr. Gunjan Sinha

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Best Regards

Dr.Aishwarya Gunjan

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AIM:

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MATERIALS AND METHODS:

A self-explanatory questionnaire-based survey was prepared and circulated using a template provided by Google Forms (Google, Inc., USA,. to 1000 postgraduate students in India. The questionnaire of sixteen questions is in English. It was designed to evaluate overall awareness and knowledge about dental implants. Subjects belonging to the specific departments (Oral surgery,Prosthodontics, Periodontics) will be selected for the study.

STATISTICAL ANALYSIS USED:

The statistical analysis was performed using SPSS software (version 23).

RESULTS

The present study gives information about dental Postgraduate graduates belonging to Dept. Of Prosthodontics, Oral surgery and Periodontics of all three years ,assessing the students' knowledge and awareness about dental implants for the treatment of missing teeth. Out of a total of 1000 students, 700 returned the completely filled questionnaire. Out of them, 63.3% were somewhat aware and 29.9% were very aware and 6.9% were less aware about the implant dentistry.Awareness regarding implant dentistry was highest in IIIrd year post graduates , followed by IInd year Post Graduates and least in Ist Year Post Graduates.. Out of these 700 subjects the rest of the questions were asked and percentage calculated as depicted in table.

CONCLUSION

To create competent physicians committed to the advancement of prosthodontic implantology and for the good of society as a whole, significant progress is being made in the digitization and creation of a global curriculum.

In spite of the progress made in implant dentistry since its inception, there have been some loopholes in scientific based knowledge and established clinical experience among dental professionals and postgraduates.

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INTRODUCTION

According to glossary of prosthodontic terms, 9th edition, dental implant is defined as a prosthetic device made of alloplastic material(s) implanted into the oral tissues beneath the mucosal/periosteal layer and on or within the bone to provide retention and support for fixed or removable dental prosthesis [1]

The dental implant prosthesis essentially consists of two parts which are the implant which includes the implant body and the crest module; and the prosthetic attachments. The prosthetic attachment comprises the abutment and superstructure. An abutment is that portion of a dental implant that serves to support and/or retain prosthesis.

Replacement of lost teeth has always been a major concern for dentists since ancient times, as missing teeth and their associated complications have been a common ailment among people. This was especially true in the past, when there were no other treatment options for decayed, traumatized, or periodontally weakened teeth besides extraction. Naturally, the goal of resolving this issue has been on the table for a very long time.

Over the years, three primary treatment modalities for prosthetic rehabilitation of missing teeth have been developed: implants, F.D.P.s., and dentures (full, partial, and overdentures).

According to many authors [2-4], implants had the greatest success rate of all of them, ranging from 84 to 99% during an 8 to 10-year period. Because of its intricacy and interdisciplinary approach, implant dentistry has evolved into a distinct field in and of itself.

The development of dental implantology is a fascinating historical journey. The well-known mandible section with three implanted shell valves, on display at Harvard University's Peabody Museum of Archaeology and Ethnology, suggests that the person in question lived in the eighth century and provides evidence of just one successful implant treatment in human history.[5]

This finding was the greatest boon to implant dentistry. Since then, it has advanced significantly and is now a crucial component of dentistry.

Currently, dental implants are often used to replace missing teeth in dentistry, however dental professionals still don't have a complete understanding . [6,7]

The success of implant-based rehabilitation depends on stress transfer from the implant to the surrounding bone. This is influenced by both macroscopic and microscopic factors, including implant geometry, structural metallurgy, thread designs, and surface chemistry and microtopography and loading protocols[6]

Though dental implants are an optional therapy for missing teeth, patients must be supplied with thorough knowledge about dental implants and its uses before giving their permission to the procedure.[8] Modern healthcare practitioners educate the general public about the most recent dental/medical treatment procedures. Awareness among postgraduate dental students on any new developments in their discipline would augment the above-mentioned goal. Awareness among postgraduate dentistry students about dental implants can assist to alleviate any anxiety of this operation among the general population owing to a lack of proper information.[9]

Therefore, the purpose of this study was to assess the participants' degree of awareness and knowledge regarding dental implants among postgraduate students of Department of Prosthodontics, Periodontics and Oral surgery.

AIM

The aim of this study was to evaluate knowledge, attitude, and awareness of dental implants among postgraduate.

OBJECTIVES

Evaluation of

1. Knowledge level among the postgraduate population regarding dental implants

2. Information sources on dental implants

1. Albrektsson T et al (1986) [10] proposed that six criteria are supported as applicable for defining the clinical success of endosseous dental implants and these criteria are suggested for use in clinical examination on implants.

a. The individual unattached implant should be immobile when it is tested clinically.
b. No evidence of peri-implant radiolucency should be present which should be assessed on a radiograph which is undistorted.
c. The mean vertical bone loss around the implant should be less than 0.2mm per year after the first year of prosthetic rehabilitation of implant.
d. No persistent pain, discomfort or infection should be caused by the implant.
e. By these criteria, success rate of 85% (5-years observation period) and 80% (10 years period) are minimum levels for success.

2. Jennifer Steigenga et al (2004) [11]studied effects of implant thread geometry on percentage of osseointegration and reverse torque and found that among v thread,square thread, buttress thread and non threaded implants ;square threads implants were more attractive for use in endosseous dental implant systems. They concluded that the design of an “optimal” implant requires the integration of material, physical, chemical mechanical ,biological and economic factors.

3. Al-Johany S, Al Zoman HA (2010) [12] assessed the level, sources, and need for information about dental implants among a selected sample of 379 dental patients in Riyadh, Saudi Arabia. Patients' knowledge and awareness in using dental implants as an option in replacing missing teeth were evaluated through a standardized self-explanatory questionnaire distributed in two places in Riyadh: Military Hospital and College of Dentistry, King Saud University (Darraiyah campus). The questionnaires were handed to the patients during their regular dental visits. The results of this study indicate that 66.4% of the subjects knew about dental implants. The subjects' friends and their relatives were the main source of information about dental implants for 31.5% of the subjects, and dentists were the secondary source for 28.3% of the sample. About 82.4% of the subjects need more information about dental implants and 85.2% of them chose the dentist to be the desired source for such information, followed by the internet in 28.5% of the cases. Almost 74.4% of those surveyed did not know if their regular dentists use dental implants. High cost was the major factor in preventing

patients from choosing implants in 86.5% of the cases while the long treatment time and fear of surgery was the factor in 71% and 68.6% of the subjects, respectively.

4. Ziad N Al-Dwairi 1, Bilal Mohammed El Masoud et al(2013) [13]conducted a study to assess removable denture patient awareness, expectations, and source of information about dental implants (DIs). Three hundred patients [150 removable partial denture (RPD) wearers and 150 complete denture wearers (CDWs)] attended the removable prosthodontic clinic at Faculty of Dentistry, Jordan University of Science and Technology. Patients were evaluated using a pilot-tested, 21-question questionnaire and they concluded that Ninety-six percent of participants were aware of DIs, with no difference between CDWs and RPD wearers ($p > 0.05$). The participants' friends and relatives were the main source of information (63.4%), followed by dentists (32.4%). Improvement in function was the predominant reason (55.7%) for patients to consider DIs. Fear of unknown side effects was the major factor in preventing patients from choosing DIs (11.7%), followed by high cost (9.7%) and surgical risk (8.7%). Approximately 89% had no information or were poorly informed about DIs. Over two-thirds of patients did not know about the care (78.3%) of DIs, causes of DI failure (69.7%), or DI duration of service (80.7%). Only 24.7% knew that DIs would be anchored to the jawbone; however, 27.3% and 56.7% of CDWs and RPD wearers, respectively, preferred ($p < 0.05$) to have their teeth replaced with DIs. High costs were considered the major disadvantage of DIs in 45% of participants, followed by fear of surgery (27.3%), and long treatment times (24.7%).

5. Fawad Javed, Hameeda Bashir Ahmed, Roberto Crespi, Georgios E. Romanos (2013) [14] conducted a study to determine the significance of factors regulating implant stability to attain successful implant integration.

6. Kumar and Chauhan(2015)[15] in their assessment of knowledge and awareness regarding dental implant use among 620 Indore, India based subjects found that only 25.8% of the study cohort had knowledge of dental implants. Choice of implants as a treatment option was largely based on their esthetic advantage (70%). On the other hand, 70% also did not want implant-supported prosthetic replacement due to their high cost

7. .Mathuriya and Agarwal(2015) [16] in their questionnaire-based study among dental patients belonging to Bhopal showed that just 32.5% of the study subjects had awareness regarding dental implants as a treatment modality and most of them had no knowledge regarding the procedure involved along with the advantages and disadvantages of using dental implants.

***8.* Chaudhary S, Gowda TM, Kumar TAB, Mehta (2015) [17]** conducted a study to gauge the knowledge and perceptions of undergraduate dental students or residents toward dental implants. A printed questionnaire consisting of 15 questions, which assessed the level and source of information regarding implants, was prepared and distributed. A total of 2800 questionnaires were posted of which 2041 responses were received (response rate was 72.89%). This study shows that 81.1% of the residents believed that they were not provided sufficient information and a whopping 91.7% of them coveted more information about implants in their undergraduate curriculum and concludes that a revision in the undergraduate dental curriculum is required to make the students better equipped with the technicalities of implant dentistry.

9. Manzano-Moreno, Herrera-Briones, Tala Bassam, Vallecillo-Capilla, Reyes-Botella (2015) [18] conducted a study to evaluate the impact of various factors including placement technique, macro and microstructure designing of implant, bone regeneration on implant stability measured through Ostell Mentor Device. They concluded a significant difference in implant stability with any alteration of the parameters.

10. Ajayi *et al.*(2016) [19] in their questionnaire-based study in the Nigerian population demonstrated that major information on dental implants was provided by dental health practitioners (41.5%) which were followed by gathering information from friends who constituted 17.7% of the study group. Only 14.6% of subjects showed knowledge regarding dental implants, while 35% of study respondents had no

know how on dental implants. Furthermore, individuals with higher educational levels possessed greater knowledge on implants. Furthermore, higher costs and surgical requirements were major disadvantages involving implant treatment. Subjects preferred implants for anterior teeth replacement than posterior teeth. Although, a lower awareness level was observed even in higher educational level respondents. Furthermore, implant-based prosthetic replacement was not preferred due to higher costs and need for surgical intervention.

11. Huwais S, Meyer EG (2017) [20] conducted an experimental study to evaluate an increase in primary implant stability, bone mineral density and bone to implant contact in porcine tibia using 3 techniques: standard drilling, osseous extraction drilling using multifluted bur design, osseous drilling with same burs rotating in reverse direction.

12. Baqar *et al.*(2018) [21] conducted a study in patients (n = 380) to determine awareness and their attitude toward implant-supported prosthesis. Only 9.8% of the study group had awareness on dental implants. The level of awareness was found to have a statistical increase along with the level of education (P = 0) Gas well as occupational levels (P = 0.01). The main source of information on dental implants were relatives and friends (40.5%). 5.2% of subjects reported higher cost as a major deterrent toward opting dental implants as treatment modality. 73% of study participants demonstrated no knowledge on dental implants.

13. Kinani *et al.*(2018) [22] used a 14-question-based study on the assessment of patient's awareness, expectation, and knowledge level regarding dental implants on 380 study participants divided into medical and nonmedical groups. These investigators found 85% and 71% knowledge regarding missing tooth replacement in both groups, respectively. Dentists were the primary source of information for both the study groups (43.3% and 34.8%, respectively). Approximately 60% to 70% of subjects feel that implant placement should be performed only by specialists. Around 52% to 77% of study participants placed the site of the implant to the jaw bone. 49.7% and 36.6% of subjects in medical and nonmedical groups, respectively, felt that implants require more care, while 13.7% and 16.7% of subjects cleaned their implant restorations in a manner similar to natural dentition.

14. Mayya *et al.* (2018) [23]in their questionnaire-based study involving 242 study participants belonging to Mangalore, Karnataka, India, reported that only 17.8%

population had awareness on dental implants as the choice of treatment. Of these, 69.8% obtained knowledge through friends and family, while 28.1% obtained it from dentists. This study showed extremely less awareness and/or knowledge regarding dental implants in the studied group.

15. Sakshi *et al*. (2018)[24]in their study on knowledge among undergraduate dental students on dental implants surmised that 99% of the study group had prior knowledge about dental implants which was mainly gathered from audio-visual resources and the Internet which is in contrast to various studies wherein dental professionals played a major role in imparting knowledge on this treatment modality. 55.68% of students reflected a maximum lifespan of 10 years, whereas 18.75% and 26.7% of subjects reported a lifespan of 10–20 years and having no knowledge about this, respectively. Here, also implant cost was a major factor in impending implants as a treatment option.

16. Kushaldeep, Tandan A, Upadhyaya V, Raghuvanshi M (2018) [25] conducted a radiographic and clinical study for comparative evaluation of the influence of immediate versus delayed loading protocols of dental implants. For analysis of crestal bone loss Intra oral peri-apical radiographs were developed for all the implant sites present in the selected patients' mouth. Imaging errors were compensated by the use of a lead mesh with a 1-mm grid pattern which was placed on the sensor during exposure. Standard long cone paralleling technique with film positioning device was used. Once the first restoration on implant as placed, the follow-up was scheduled at 1, 3, and 6 months for radiographic evaluation at each time interval. The distance was measured between abutment junction to the point of 1st contact between bone and implant Measurements were done on mm scale for mesial and distal side.

17. Abdulrahman Alajlan et al (2019) [26] conducted a study to assess the level of knowledge, attitude, and source of information regarding the use of dental implants as treatment option compared to other conventional treatment modalities.A descriptive cross sectional study among adult dental patients attended dental clinics of College of Dentistry, Qassim University. The level of knowledge, source of information, and attitude regarding the use of dental implants were evaluated through standardized self-explanatory questionnaires which were handed to the patient during their regular dental visits. 200 patients were selected randomly to be included in this survey. Among the participants included in this study, 91.5% of the respondents heard about

implants and their source of information were friends (45.5%), 38% of the respondents had no idea about the oral hygiene for the care of the implants compared with natural teeth, 28.5% of the respondents expected them to last between 10 and 20 years, and 48.5% of the respondents believed that dental implants have no effects on the systemic health and there was nonsignificant difference between males and females.

18. Gupta S, Mantri SS(2018)[27] conducted A cross sectional questionnaire based survey was conducted at Hitkarini Dental College and Hospital, Jabalpur (Madhya Pradesh)with a sample of 480. The subjects were randomly selected from patients reporting to the institute for teeth replacement. The sample population consisted of 278 males and 202 females A selfdesigned questionnaire containing total 14 questions, out of which 8 were knowledge based and remaining 6 were attitude based questions was used for obtaining data. The response to questionnaire was ranked according to Likert Scale. The collected data was put into SPSS software to be analyzed and the result indicated among the study population reported that 267 participants in the study population has insufficient knowledge which included men and women and 213 had sufficient knowledge about the various treatment options while 58.3% population had positive attitude for replacement of missing teeth and 74.8% population feels that oral hygiene maintenance for artificial prosthesis is must.

19. Siddique EA, Bhat PR, (2019) [28] conducted a cross-sectional survey among 500 patients visiting SDM College of Dental Sciences and Hospital (SDMCDSH), Dharwad, using a self-explanatory questionnaire with a sample of 500 individuals participating in the survey. The results of this survey indicated that 93.4% of the patients knew about dental implants, and for majority of them, the major source of information was through their dentist followed by relatives and friends and electronic media. About 60.4% patients disapproved the removable prosthesis as an option for the replacement of missing teeth. 77.2% patients expressed that they could not afford for the dental implant treatment. The major deterioration for this treatment was related to the cost in 80.4% patients, surgical procedure in 11.6% patients, and a long treatment time in 5.6% patients. While 60.4% patients felt that dental implants being expensive, is the treatment option only for the rich.

20. Bernhard Pommer 1, Werner Zechner et al (2019) [29] conducted an opinion poll on dental implants in the Austrian population and was published in 2003 . Seven years later, the poll was rerun to assess the up-to-date information level and evaluate recent progress and trends in patients' mindset on dental implants. One thousand adults--representative for the Austrian population--were presented with a total of 19 questionnaire items regarding the level and the sources of information about dental implants as well as the subjective and objective need for patient information. Compared with the survey of 2003, the subjective level of patient information about implant dentistry has significantly increased in the Austrian population. The patients' implant awareness rate was 79%. The objective level of general knowledge about dental implants was still all but satisfactory revealing unrealistic patient expectations. Three-quarters trusted their dentists for information about dental implants, while one-quarter turned to the media. The patients' wish for high-quality implant restorations was significantly higher than in 2003, yet the majority felt that only specialists should perform implant dentistry. The survey revealed that dentists are still the main source of patient information, but throws doubt on the quality of their public relations work.

21. Shalya *et al.* (2020) [30] conducted an outline survey using an 11 questionnaire-based survey on public awareness on dental implants. Most of the subjects obtained knowledge from their dentists, followed by the Internet. 52.2% of the study subjects reported high treatment cost as the biggest deterrent in implant therapy. 45% of individuals termed implant failure as a result of poor maintenance. 25% of the study group agreed for implant-based treatment.

22. Mously *et al.*,(2020) [31] in their analysis on 905 study participants demonstrated that 56% of subjects had low knowledge level regarding dental implants, while 44.4% possessed sound knowledge level on dental implants. Their knowledge level increased with the level of education with maximum awareness on postgraduate degree people. Most of the participants received knowledge regarding dental implants from their family and friends (43% and 42%, respectively.

23. Gupta V, Singh S, Singhal P (2022) [32] carried a cross-sectional study questionnaire on 400 participants. The questionnaire was divided into two sections,

i.e., perception awareness and practice about missing teeth, its consequences, and prosthetic options and the second part was about the knowledge of dental implants. Chi-square test was applied for comparison, and $P < 0.05$ was considered statistically significant and concluded Maximum numbers of people 178 (44.5%) were interested to get their teeth replaced as a definite requirement. Loss of esthetics as a consequence after tooth loss was known to 72.5% followed by tilting of adjacent teeth (47%). Awareness for prosthetic options available after tooth loss was highest (71.5%) for fixed partial denture's (Bridge). Sixty-three percentage of the studied population had not replaced their missing teeth with any dental prosthesis. Knowledge about dental implants was restricted to a meager of 84 (21%) of the participants. Dentist was the main source of information for dental implants, followed by media..

24. Dhanai A, Bagde H (2023) [33] did a cross-sectional descriptive-analytic study to discover the level of knowledge and attitudes in dental implants. A questionnaire was distributed amongst the 248 participants. Data were collected from people seeking implants in dental colleges and implant dental clinics in Isfahan, Iran. Analyses of the patients' answers in the questionnaire was carried out using SPSS software with t-test, Spearman's rho correlation coefficient, and one-way analysis of variance (ANOVA) test ($\alpha = 0.05$). The mean score of knowledge was 5.3 ± 2.1 (from maximum 12). The average of attitude questions in Likert scale reached to 25.84 ± 3.38 (from maximum 35), and in questions with numerical linear scale it was 21.44 ± 5.38 (from maximum 25). The source of information on dental implants for most of the patients was their dentists. The level of knowledge increased with higher level of education and also with better economic status. The attitude of patients about this method of tooth replacement was also more positive among ones with better economic situation.

A self-explanatory questionnaire-based survey will be prepared and circulated using a template provided by Google Forms (Google, Inc., USA,.) to 1000 postgraduate students in India. The questionnaire of sixteen questions will be in English. It will be designed to evaluate overall awareness and knowledge about dental implants. Subjects belonging to the specific departments (Oral surgery,Prosthodontics, Periodontics) will be selected for the study.

Study Sample and size

Total no. of specimens -1000

Post graduate students belonging to Dept. Of Prosthodontics, Oral surgery and Periodontics of India.

The study was approved by the ethical Committee of Babu Banarasi Das College of Dental Sciences, BBD University.

The number allotted to the study is IEC CODE:

ARMAMENTARIUM

The Materials and instruments that were used during the course of this study.

. Materials and equipments used in the study: -

1. Google form questionnaire
2. Google Excel Sheets

Selection Criteria

Inclusion criteria

Postgraduate students of all the years of the selective departments,

Prosthodontics, Oral surgery, Periodontics.

Exclusion Criteria

- Practicing clinicians
- Undergraduate students

METHODOLOGY

Study design and period

A cross-sectional web-based questionnaire-based study was conducted from December 2021 to November 2023. The focus of the study was postgraduate students from three departments (Prosthodontics, Oral surgery, Periodontics) from different dental institutions in India.

A total of 1000 postgraduate students of Prosthodontics, Oral surgery, Periodontics Departments were sent questionnaire for this study. The self-explanatory questionnaire forms which included 14 questions about implants were distributed among the students out of which 700 returned the completely filled questionnaires. Thus the results were calculated from the data collected from 700 students

The Questionnaire was divided into two parts ; first was demographic mentioning Name,Department and the Year of the postgraduate and the second part consisted questionnaires regarding implant awareness. The second part consisted awareness towards implants, cost of procuring a dental implant, familiarity with different types of dental implants, the eagerness to seek out and evaluate research studies, basic selection criteria for implant selection, knowledge about different Implant geometry, availability of thread designs, important factor to achieve adequate primary stability , Bone Implant Contact(BIC), designs that distributes the load better on the bone and different loading protocols of implants.

The questionnaire is mentioned in Image 1.

Contact information

* Indicates required question

1. Your name *

2. I understand that my privacy is maintained and my participation is solely voluntary. *

   Mark only one oval.

   - ◯ Yes
   - ◯ No

3. Year of Dental Postgraduate Program: *

   Mark only one oval.

   - ◯ 1st Year
   - ◯ 2nd Year
   - ◯ 3rd Year

4. Which Specialization do you belong to? *

   Mark only one oval.

   - ◯ Prosthodontics
   - ◯ Oral surgery
   - ◯ Periodontics

5. How would you rate your overall awareness of dental implant treatment? *

Mark only one oval.

- ◯ Very aware
- ◯ Somewhat aware
- ◯ Less aware

6. What according to you is the cost of procuring a dental implant from an implant company?

Mark only one oval.

- ◯ Rs. 6000–10,000
- ◯ Rs. 10,000–15,000
- ◯ Rs. 15,000–20,000
- ◯ Rs. 20,000–25,000
- ◯ Do not know

7. Are you familiar with different types of dental implants available in the market?

Mark only one oval.

- ◯ Yes
- ◯ No

8. Do you actively seek out and evaluate research studies on dental implants and their outcomes?

Mark only one oval.

- ◯ Frequently
- ◯ Occasionally
- ◯ Rarely

9. What is the basic selection criteria for implant selection for you?

Mark only one oval.

- ◯ Popularity
- ◯ Price
- ◯ Warranty provided by manufacturer
- ◯ Implant geometry

10. Do you know about different Implant geometry?

Mark only one oval.

- ◯ Yes
- ◯ No

11. If yes, Do you know how many thread designs are available?

Mark only one oval.

- ◯ 2
- ◯ 3
- ◯ 5+
- ◯ Don't know

12. Which one of them is the most important factor to achieve adequate primary stability in an implant?

Mark only one oval.

- ◯ Bone quality
- ◯ Implant length and diameter
- ◯ Thread depth and diameter
- ◯ Pitch
- ◯ Face angle
- ◯ All of them

13. Which one of the following do you think provides better Bone Implant Contact(BIC)?

Mark only one oval.

- ◯ Implants with smaller thread pitches and with a larger thread depth
- ◯ Implants with larger thread pitch and smaller thread depth
- ◯ Not sure

14. Which one of designs do you think distributes the load better on the bone?

Mark only one oval.

- ◯ Cylindrical
- ◯ Tapered and threaded
- ◯ Not sure

15. Primary stability and stress distribution will be best in :

Mark only one oval.

- ◯ Narrow-diameter implants with a diameter< 2.5 mm (mini-implants)
- ◯ Implants with a diameter of 2.5 mm to < 3.3 mm
- ◯ Implants with a diameter of 3.3 mm to 3.5 mm.
- ◯ Implants with a diameter ≥ 5 mm (wide-diameter implants)
- ◯ Don't know

16. Do you know the different loading protocols of implants?

Mark only one oval.

- ◯ Yes
- ◯ No

17. If yes, what do you think is the major factor in deciding the Immediate , Early or Delayed loading of implants?

Mark only one oval.

- ◯ Bone condition
- ◯ Zone of esthetics
- ◯ Implant body designs
- ◯ Don't know

This study was approved by the Research Ethics Committee of the ethical Committee of Babu Banarasi Das College of Dental Sciences, BBD University.

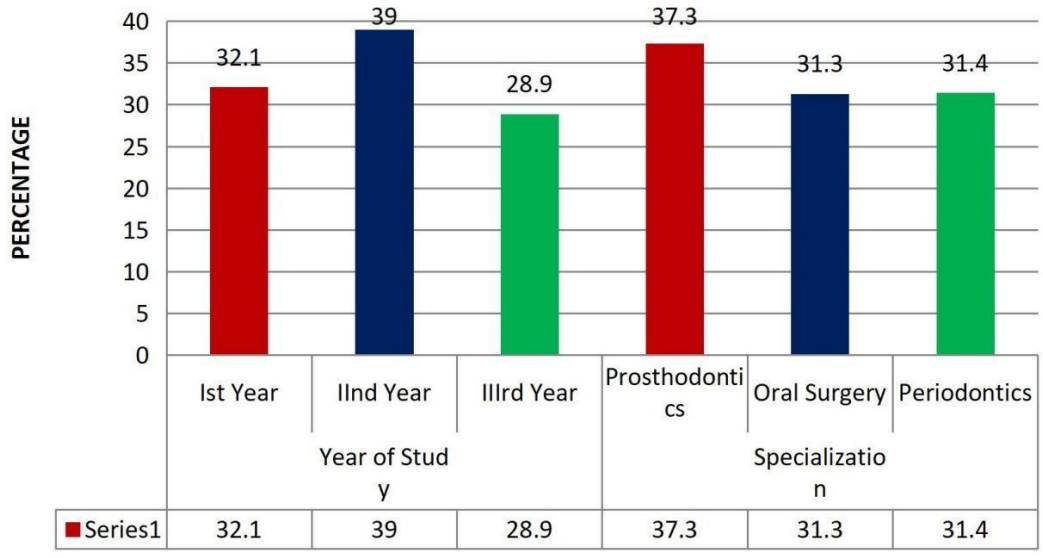
Quantitative data collection tools and techniques

Quantitative data were collected using a template provided by Google Forms (Google, Inc., USA). The setting of response was set to be one response to prevent multiple entries from the same participant. The study protocol was explained to all participants who participated in the study, and written informed consent was obtained prior to completion of the questionnaire. A self-explanatory English-language closed-ended questionnaire was designed by the author based on data reported previously in the literature. The data for the present study was entered in the Microsoft Excel 2007 and analyzed using the SPSS statistical software 23.0 Version. The descriptive statistics included frequency and percentage. The chi-squared test will be used for the categorical variables. A multivariate logistic regression model will be performed for subgroup analysis.

PROFILE OF STUDY GROUP

		N	Percentage
Year of Study	Ist Year	225	32.1
	IInd Year	273	39.0
	IIIrd Year	202	28.9
Specialization	Prosthodontics	261	37.3
	Oral Surgery	219	31.3
	Periodontics	220	31.4

The present study was conducted among the 700 post graduates of different specialties –Prosthodontics (37.3%), Oral Surgery (31.3%) and Periodontics (31.4%). Among the post graduates 32.1% were Ist Year students, 30% were IInd year post graduate students and 28.9% were IIIrd Year post graduate students.

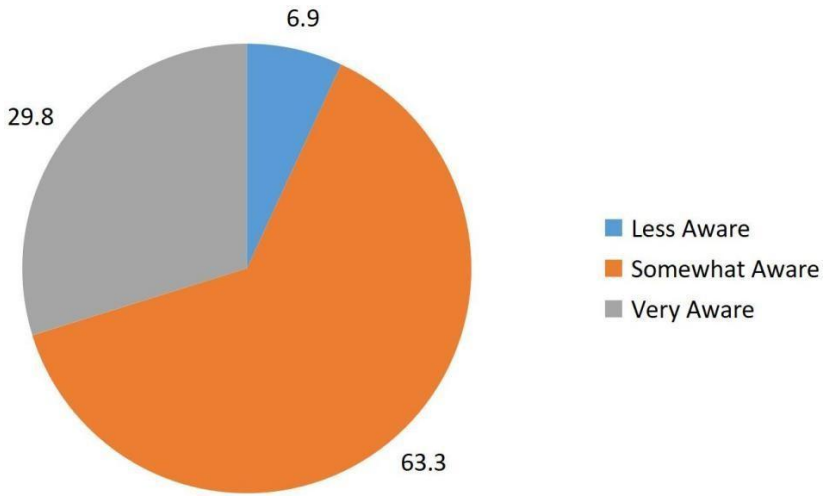


Awareness Towards Implant Dentistry

	N	Percentage	P value	Significance
Less Aware	48	6.9	0.001	Significant
Somewhat Aware	443	63.3		
Very Aware	209	29.8		

Chi Square test with p value less than 0.05 is significant

Based on the awareness towards the implant dentistry, 63.3% were somewhat aware and 29.9% were very aware and 6.9% were less aware about the implant dentistry. The difference in level of awareness toward the implant dentistry was statistically significant (p=0.001)



Analysis of odds ratio for Awareness Towards Implant Dentistry

The association of year of study and specialization with the awareness towards the implant dentistry was assessed using the Multivariate analysis with estimation of odds ratio. The odds ratio of awareness regarding implant dentistry was highest in IIIrd year post graduates (OR=9.87), followed by IInd year Post Graduates (OR=4.56) and least in Ist Year Post Graduates (OR=1.00).

The odds ratio of awareness regarding implant dentistry was highest in Prosthodontics Post Graduates (OR=5.19), followed by Periodontist (OR=3.81) and least in Oral Surgery Post Graduates (OR=1.00).

The high odds ratio indicates high level of awareness among study subjects

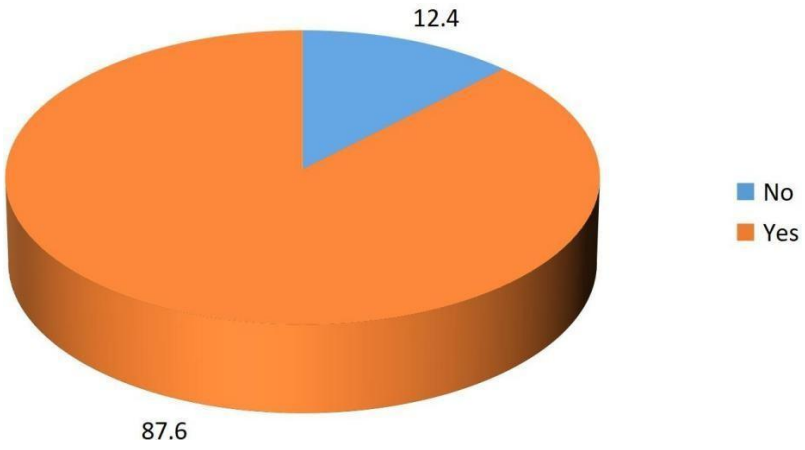
Year of Study	Odd Ratio (95% CI	P value
Ist Year	1.00 (Constant)	0.001 (Sig)
IInd Year	4.56 (2.10–14.67)	
IIIrd Year	9.87 (1.63–18.24)	
Specialization		
Oral Surgery	1.00	0.001 (Sig)
Periodontics	3.81 (2.68–4.28)	
Prosthodontics	5.19 (2.24–8.77)	

Awareness Towards Type of Implant

	N	Percentage	P value	Significance
No	87	12.4	0.001	Significant
Yes	613	87.6		

Chi Square test with p value less than 0.05 is significant

Based on the awareness towards the type of implant , 12.4% were not aware about the type of implant and 87.6% were aware about the type of implant The difference in level of awareness toward the type of implant was statistically significant (p=0.001)



Analysis of odds ratio for Awareness Towards Type of Implant

The association of year of study and specialization with the awareness towards the type of implant was assessed using the Multivariate analysis with estimation of odds ratio. The odds ratio of awareness regarding type of implant was highest in IIIrd year post graduates (OR=3.97), followed by IInd year Post Graduates (OR=2.19) and least in Ist Year Post Graduates (OR=1.00).

The odds ratio of awareness regarding type of implant was highest in Prosthodontics Post Graduates (OR=3.45), followed by Periodontist (OR=2.75) and least in Oral Surgery Post Graduates (OR=1.00).

The high odds ratio indicates high level of awareness among study subjects

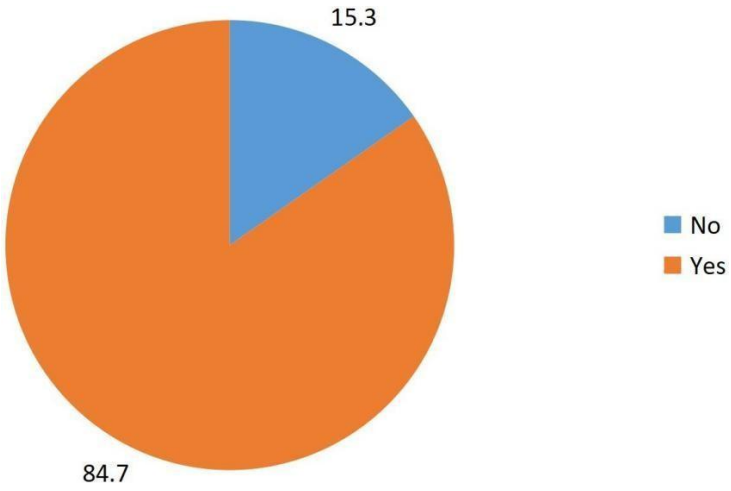
Year of Study	Odd Ratio (95% CI	P value
Ist Year	1.00 (Constant)	0.001 (Sig)
IInd Year	2.19 (1.10–3.58)	
IIIrd Year	3.97 (1.43–5.67)	
Specialization		
Oral Surgery	1.00	0.001 (Sig)
Periodontics	2.75 (1.91–3.12)	
Prosthodontics	3.45 (2.01–4.27)	

Awareness Towards Geometry of Implant

	N	Percentage	P value	Significance
No	107	15.3	0.001	Significant
Yes	593	84.7		

Chi Square test with p value less than 0.05 is significant

Based on the awareness towards the geometry of implant , 15.3% were not aware about the geometry of implant and 84.7% were aware about geometry of implant The difference in level of awareness toward the geometry of implant was statistically significant (p=0.001)



Analysis of odds ratio for Awareness Towards Geometry of Implant

The association of year of study and specialization with the awareness towards the Geometry of implant was assessed using the Multivariate analysis with estimation of odds ratio. The odds ratio of awareness regarding Geometry of implant was highest in IIIrd year post graduates (OR=4.79), followed by IInd year Post Graduates (OR=3.56) and least in Ist Year Post Graduates (OR=1.00).

The odds ratio of awareness regarding Geometry of implant was highest in Prosthodontics Post Graduates (OR=3.97), followed by Periodontist (OR=2.16) and least in Oral Surgery Post Graduates (OR=1.00).

The high odds ratio indicates high level of awareness among study subjects

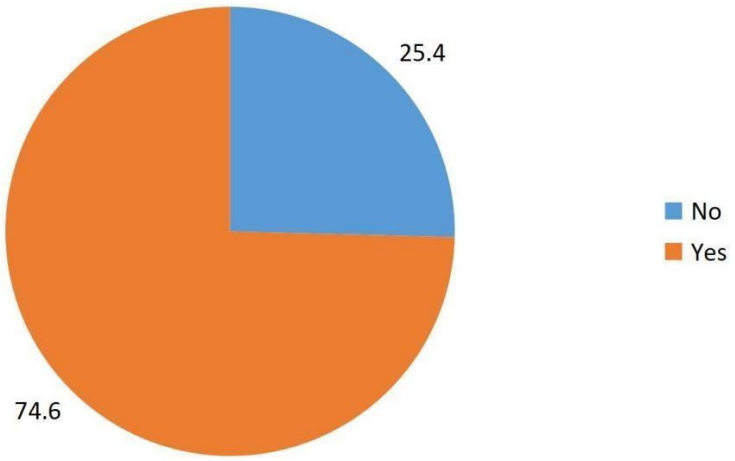
Year of Study	Odd Ratio (95% CI	P value
Ist Year	1.00 (Constant)	0.001 (Sig)
IInd Year	3.56 (1.29–5.80)	
IIIrd Year	4.79 (2.60–6.37)	
Specialization		
Oral Surgery	1.00	0.001 (Sig)
Periodontics	2.16 (1.59–3.80)	
Prosthodontics	3.97 (1.47–5.07)	

Awareness Towards Loading of Implant

	N	Percentage	P value	Significance
No	178	25.4	0.001	Significant
Yes	522	74.6		

Chi Square test with p value less than 0.05 is significant

Based on the awareness towards the Loading of implant , 25.4% were not aware about the geometry of implant and 74.6% were aware about loading of implant The difference in level of awareness toward the loading of implant was statistically significant (p=0.001)



Knowledge and Attitude Towards Implants

		N	Percentage	P value	Significance
Knowledge about Cost	6000-10000	290	41.4	0.001	Significant
	10000-15000	349	49.9		
	15000-20000	39	5.6		
	20000-25000	22	3.1		
Research Studies	Rarely	129	18.4	0.001	Significant
	Occasionally	421	60.1		
	Frequently	150	21.4		
Selection Criterion For Implants	Implant Geometry	373	53.3	0.001	Significant
	Popularity	118	16.9		
	Warranty	135	19.3		
	Price	74	10.6		
Thread Designs	Don't Know	107	15.3	0.001	Significant
	2	19	2.7		
	3	195	27.9		
	5+	379	54.1		
Factors	Bone Quality	132	18.9	0.001	Significant
	Implant Length	111	15.9		
	Thread Depth	69	9.9		
	Pitch	21	3.0		
	All of the above	364	52.0		
	Face Angle	3	.4		
Bone Implant Contact	Implants with smaller thread pitches and	238	34.0	0.001	Significant

	with a larger thread depth				
	Implants with larger thread pitch and smaller thread depth	392	56.0		
	Not Sure	70	10.0		
Design	Tapered and Threaded	549	78.4	0.001	Significant
	Cylindrical	108	15.4		
	Not Sure	43	6.1		
Stability	Nano Implants	80	11.0	0.001	Significant
	2-5-3.5	231	33.0		
	3.5-5.5	241	34.4		
	≥5.5	72	10.3		
	None	76	10.9		
Factors in Loading	Bone Condition	342	48.85%	0.001	Significant
	Zone of Aesthetics	111	15.86%		
	Implant Body	69	9.86%		
	Don't Know	178	25.43%		

Chi Square test with p value less than 0.05 is significant

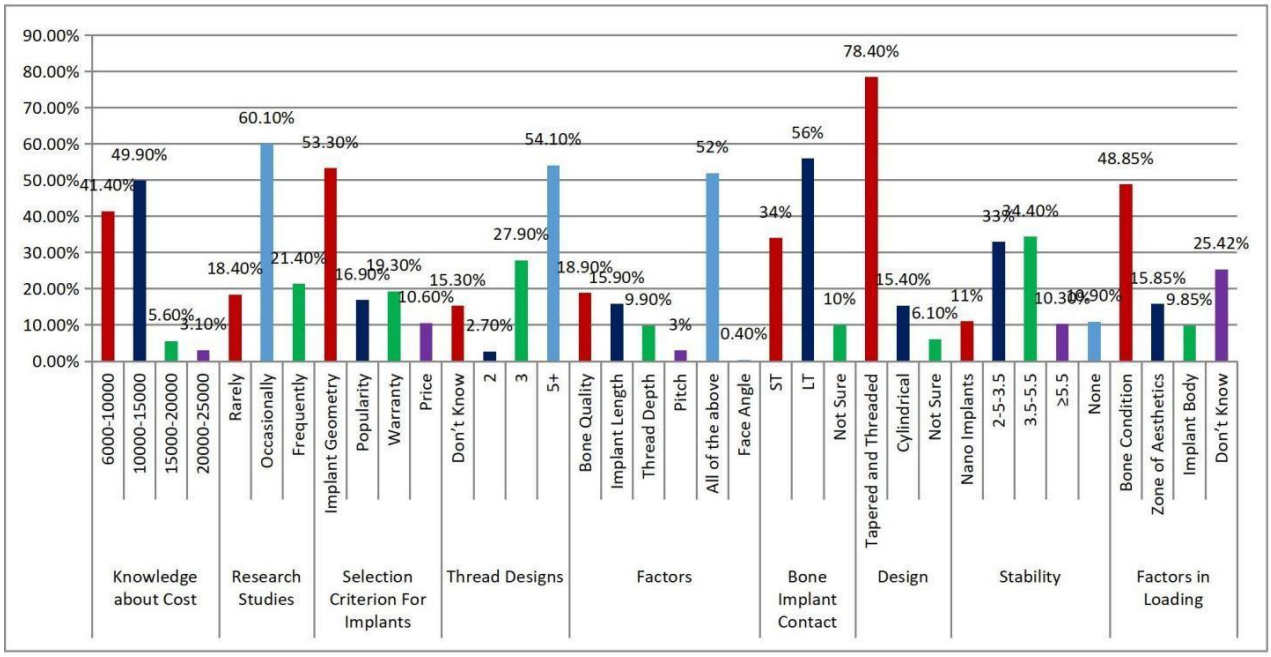
Based on the knowledge and attitude toward the implant dentistry

49.9% thought implant costing to be in range of 10000-15000 whereas 41.4% though it to be in range of 6000-10000. The difference in response to cost of implant was statistically significant (p=0.001) Based on response to awareness regarding research studies 60.1 occasionally accessed research studies and 21.4% frequently gained knowledge through research studies. The difference in response to research studies about implant was statistically significant (p=0.001) Based on selection criterion for implants, 53.3% though implant geometry whereas 19.3% considered warranty and 16.9% considered popularity to be factor for selection of implant The difference in response to factors about selection of implant was statistically significant (p=0.001) Based on awareness about threads in implants, 54.1% considered 5+ implants threads to be good and 27.9% though 3+ threads to be better. The

difference in response to thread number about implant was statistically significant (p=0.001) Based on the factors in implant stability, 18.9 considered bone quality, 15.9 considered implant length and 9.9% considered thread depth and 52.0% considered all the factors . The difference in response to factors in implant stability about implant was statistically significant (p=0.001) 78.4% considered Tapered and Threaded design, 15.4% considered Cylindrical design and 6.1 were not sure about implant design . The difference in response to question on design of implant was statistically significant (p=0.001).

Based on response to question on factors that provides better Bone Implant Contact(BIC)- 34.0% responded that Implants with smaller thread pitches and with a larger thread depth better bone implant contact and 56.0% responded that Implants with larger thread pitch and smaller thread depth provided better Bone Implant Contact. The difference in response qo question was statistically significant

Based on awareness about the factors **in deciding the Immediate,Early or Delayed loading of implants-**48.85% considered bone quality, 15.86% considered zone of aesthetics and 25.43% were not aware . The difference in response to question was statistically significant



STATISTICAL ANALYSIS

The data for the present study was entered in the Microsoft Excel 2007 and analyzed using the SPSS statistical software 23.0 Version. The descriptive statistics included frequency and percentage. The chi-squared test will be used for the categorical variables. A multivariate logistic regression model will be performed for subgroup analysis. All results are presented as odds ratio (OR) and 95% confidence intervals (CIs) The level of the significance for the present study was fixed at 5%.

Chi Square Test

Chi-square is a statistical test commonly used to compare observed data with data we would expect to obtain according to a specific hypothesis. When an analyst attempts to fit a statistical model to observed data, he or she may wonder how well the model actually reflects the data. How "close" are the observed values to those which would be expected under the fitted model? One statistical test that addresses this issue is the chi-square goodness of fit test. This test is commonly used to test association of

variables in two-way tables, where the assumed model of independence is evaluated against the observed data. In general, the ***chi-square test statistic*** is of the form

$$X^2 = \sum \frac{(\text{observed - expected})^2}{\text{expected}}$$

If the computed test statistic is large, then the observed and expected values are not close and the model is a poor fit to the data

Regression analysis

n statistical modeling, regression analysis is a set of statistical processes for estimating the relationships between a dependent variable (often called the 'outcome' or 'response' variable, or a 'label' in machine learning parlance) and one or more independent variables (often called 'predictors', 'covariates', 'explanatory variables' or 'features'). The most common form of regression analysis is linear regression, in which one finds the line (or a more complex linear combination) that most closely fits the data according to a specific mathematical criterion. For example, the method of ordinary least squares computes the unique line (or hyperplane) that minimizes the sum of squared differences between the true data and that line (or hyperplane). For specific mathematical reasons (see linear regression), this allows the researcher to estimate the conditional expectation (or population average value) of the dependent variable when the independent variables take on a given set of values. Less common forms of regression use slightly different procedures to estimate alternative location parameters (e.g., quantile regression or Necessary Condition Analysis[1]) or estimate the conditional expectation across a broader collection of non-linear models (e.g., nonparametric regression).

Regression analysis is primarily used for two conceptually distinct purposes. First, regression analysis is widely used for prediction and forecasting, where its use has substantial overlap with the field of machine learning. Second, in some situations regression analysis can be used to infer causal relationships between the independent and dependent variables. Importantly, regressions by themselves only reveal relationships between a dependent variable and a collection of independent variables in a fixed dataset. To use regressions for prediction or to infer causal relationships, respectively, a researcher must carefully justify why existing relationships have predictive power for a new context or why a relationship between two variables has a causal interpretation. The latter is especially important when researchers hope to estimate causal relationships using observational data

- The **unknown parameters**, often denoted as a scalar or vector β.
- The **independent variables**, which are observed in data and are often denoted as a vector X_i (where i denotes a row of data).
- The **dependent variable**, which are observed in data and often denoted using the scalar Y_i.
- The **error terms**, which are *not* directly observed in data and are often denoted using the scalar e_i.

In various fields of application, different terminologies are used in place of dependent and independent variables.

Most regression models propose that Y_i is a function (**regression function**) of X_i and β, with e_i representing an additive error term that may stand in for un-modeled determinants of Y_i or random statistical noise:

$$Y_i = f(X_i, \beta) + e_i$$

Modern dentistry aims to restore the patient's natural function, aesthetics, speech, and health. Implant dentistry is unique in its capacity to deliver these optimal outcomes. Because of its efficacy and reliability, the use of implants in the rehabilitation of partly and totally edentulous jaws has become a well-established and approved modern therapeutic approach.[34]

Dental implants are increasingly often used to repair missing tooth/teeth.Since implant therapy is typically an optional procedure[35], patients should be provided with comprehensive information on the process and other treatment alternatives to make an informed decision.[36]

A national survey in India found that dentists are the major source of knowledge concerning dental implants, implying that patients trust their dentists to provide accurate information [37].Dental students should have a solid understanding of implant treatment protocols to ensure patient success and rely on correct information from dentists. When Sakshi et al in 2018 conducted a cross sectional study to analyse the knowledge and awareness among undergraduate students , they concluded that 95.7 percent of surveyed dental interns in Karnataka sought more information about dental implants in their B.D.S. programme.[24] Currently, the majority of undergraduate courses do not provide instruction in implant dentistry to the level of competency. To meet patient demand, colleges, dental institutes, and implant companies provide courses to train dentists on this treatment process.

Prosthodontic postgraduate programmes in 59 European institutes and 6 Iranian institutes include implantology. Sukotjo et al. [38](2008) found that only 40% of institutes in the USA and Canada offered implantology as part of their curriculum. In Europe, 75% of predoctoral curriculums in 33 nations include implantology education, out of 56 total. Studies by Lim et al[39]., Petropolous et al[40]., Barwacz et al[41]., and Kihara et al[42] in the USA and Canada found that implantology was present in 84-100 percent of the institutions studied.

In Europe, the USA, Canada, and Iran, postgraduate prosthodontics curricula used demonstrative teaching methods. Preclinical training methods include plastic jaws, human cadavers, and Simlab. Clinical training for prosthetic postgraduates focuses on restorative components, and 66% of schools in the US and Canada necessitate

observing implant surgery.

The predoctoral curriculum globally mostly focuses on academic study, with laboratory and clinical training accounting for a percentage.[43]

In this study,we have assessed awareness and knowledge of implant dentistry among postgraduate dental students across India.

When selecting the optimal implant design, a number of factors need to be taken into account. These include patient-specific and systemic factors like osteoporosis, diabetes, or autoimmune conditions, as well as local considerations like the soft tissue and bone condition at the implant site. These elements may have an impact on the implant' s stability over time as well as the procedure's success. The surgeon can provide the greatest care and reduce the chance of implant failure by taking these considerations into account.

Achieving the primary and secondary stability is necessary for a successful osseointegration and long-term implant success depends heavily on implant design. Implant diameter, implant length, implant thread design, implant surface roughness, and implant shape are a few significant design parameters that might impact implant stability. [44-47]

Our questionnaire was sent to 1000 postgraduate students of three departments (i.e., Prosthodontics & Crown and Bridge, Oral Maxillofacial Surgery and Periodontics) to all three years (First, second and third years) out of which 700 responded back in which 37.3% were from Department of Prosthodontics, 31.3 % belonged to Oral Surgery and 31.4 % to Department of Periodontics . Among the post graduates 32.1% were Ist Year students, 30% were IInd year post graduate students and 28.9% were IIIrd Year post graduate students.

Sakshi et al reported in their study that when asked the undergraduate students were aware of implant treatment as a means of replacing lost teeth, 176 people (94%) indicated they were, while 11 people (5.68%) said they had no idea. When asked if they knew anything about the procedure of placement implants, 142 people (80.68%) replied they did, while 34 people (19.31%) stated they didn't know anything. [24]

In our questionnaire we had inquired the postgraduate students about their general awareness towards Implant dentistry and it was found that 63.3% were somewhat aware and 29.9% were very aware and 6.9% were less aware . Ratio of awareness regarding implant dentistry was highest in Prosthodontics Post Graduates , followed by Periodontist and least in Oral Surgery Post Graduates and awareness regarding implant dentistry was highest in IIIrd year post graduates , followed by IInd year Post Graduates and least in Ist Year Post Graduates .

When asked about how much it would cost to procure an implant from an implant company, 49.9 % responded with 10000-15000 INR and 3.1 % responded with 20000-25000 INR in our questionnaire. According to Sakshi et al., one important consideration for this kind of treatment approach is the cost of the implants. When asked how much dental implants should cost, 46 students (26.13%) estimated that it should be approximately 5000 INR, 103 students (58.52%) thought it should be about 10,000 INR, and only 27 students (15.34%) thought it should be more than 15000 INR out of 187 students.[24] The responses towards awareness towards the type of implant available in the market were recorded too and it was concluded that 87.6% were aware about it and 12.4% were not aware. The awareness regarding type of implant was highest in IIIrd year post graduates ,followed by IInd year Post Graduates and least in Ist Year Post Graduates . And it was highest in Prosthodontics Post Graduates , followed by Periodontist and least in Oral Surgery Post Graduates.

In a study by Saxena et al [48], 46% of students reported learning about dental implants from television, newspapers, or the internet. In contrast, Kaurani et al [49] found that dentists were the primary source of information about dental implants, but direct comparisons were not possible due to the study's patient population. The fact that the majority of students chose print and electronic media as their primary sources of information indicates that students now have more access to the internet.Sohini et al reported that When asked about their source of information on dental implants, 73.3 percent of dental interns said they had not received enough information in their B.D.S. programme and 95.7% wanted more information to be provided in the B.D.S. programme. [8] Of these respondents, 60.1% postgraduate students reported that they occasionally seek out and evaluate research studies on dental implants and their

outcomes , 21.4 % reported to frequently referred to research studies, whereas 18.4% rarely did.

Sohini et al in their study reported that 56.1 percent of the surveyed population thought that case selection is the most essential factor influencing implant success and only 12.2 percent of respondents believed that the operator's experience is critical to implant success. [8]

According to research, the prognosis of this treatment method, like that of any other in dentistry, is heavily reliant on proper case selection.[50] There is enough evidence to show that smoking and uncontrolled diabetes significantly increase the risk of implant failure,[51-54] and the majority of the interns in our survey appeared to recognise the need of medical assessment in implant dentistry. A research conducted by Lambert et al.[55] found that implants placed by untrained surgeons were twice as likely to fail as those put by expert surgeons. In contrast, Kohavi et al.[56] reported that the clinician's experience is not an inluencing factor in the success/ failure of implants

In our study, 53.3 % (n= 373) of respondents believed that Implant geometry is the basic selection criteria for them during implant selection. Whereas, 19.3 % thought that warranty should be the basic criteria , following 16.9 % opting for popularity and 10.6 % for price as their basic selection criteria.

Threads enhance load distribution, the primary stability, implant surface area, and bone-implant contact area [57]. Here, the thread design plays a critical role in both the implant's initial mechanical primary stability and its later biological secondary stability [58–60]. Variations are possible for the thread depth, width, pitch, face angle, and helix angle . V-shaped, square, buttress, and helical designs are examples of thread shapes. According to reports, the insertion of fewer threaded implants was smoother, which may be advantageous in denser bone.[61]

Small pitch dental implants inherently have more threads per implant length and, thus, a larger implant surface area, perhaps leading to an improved load distribution. [62–64] Each of these interrelated macro-design characteristics raises primary stability. According to a recent systematic review, there is a great deal of variation among the research condition regarding thread design. In summary, however, it was discovered

that simply the presence of threads, implants with a smaller pitch, V-threads with implants with smaller thread pitches (0.6 to 0.8 mm on average), and implants with a wider thread depth were all associated with better bone–implant contact [65]. It has been found that very aggressive self-tapping threads improve primary stability [66, 67].

In the results, awareness towards the geometry of implant was 84.7% among our respondents and 15.3% were not aware about the geometry of implant.

Originally, threaded implants were designed to enable more cortical bone compression in locations with poorer bone quality [68]. The ratio of the implant's outer shape to its main body determines the thread depth. It displays the distance between the coils and the implant's main body. The surface and the load distribution increase with increasing distance [69,70]. Due to the larger functional surface and potential increase in primary stability in conditions with softer bone and high occlusal stresses, greater thread depths may be beneficial. Nevertheless, insertion accuracy may also be lowered by great thread depth[71-73].

The implant design faces biological limitations, as deep threads cannot ensure adequate blood supply to the bone at the thread's root. In order to prevent undue compressive stress on the surrounding bone, it is recommended to pre-tap threads with a significant thread depth [69,70]. The functional surface area of an implant increases with the number and depth of threads present [74,75]. Research has demonstrated that implants including a progressive thread offer greater primary stability and a higher bone-implant contact area both histomorphologically and radiologically when compared to cylindrical devices [76].

In responses, it was recorded that around 54.1% (n=379)had an idea about 5+ thread designs available,where as 27.9% responded with 3 , 2.7% with 2 thread designs and 15.3% (n= 107) didn’t have any knowledge about the types of implant thread designs.

The respondents were asked about the most important factor to achieve adequate primary stability in an implant, and the options were, Bone quality, Implant length, Thread Depth, Pitch, Face angle or all of the mentioned options, and around 52%(n=364) of the students responded with All of the above, 18.9% chose bone quality, 15.9 % opted Implant length, 9.9 % Thread depth , 3% Pitch and .4% chose face angle.

Between Implants with smaller thread pitches and with a larger thread depth and Implants with larger thread pitch and smaller thread depth, which one would provide better Bone-Implant contact (BIC), the 56 % of the respondents (n= 392) chose Implants with larger thread pitch and smaller thread depth and 34% (n=238) chose the other and around 10% weren't sure about it. In response to which implant design would distribute load better on the bone, 78.4% considered Tapered and Threaded design, 15.4% considered Cylindrical design and 6.1 were not sure about implant design.

Implants that have a diameter of less than 3.5 mm are referred to as narrow-diameter implants. They are further separated into three categories: category 1, narrow-diameter implants (mini-implants; usually one-piece implants) with a diameter of less than 2.5 mm; category 2, implants with a diameter between 2.5 and 3.3 mm; and category 3, implants with a diameter between 3.3 and 3.5 mm. Wide-diameter implants are defined as implants with a diameter of at least 5 mm [77].

According to studies on animals, larger diameter is linked to higher primary stability [78-80]. The implant diameter is thought to be the most important factor for stress and load distribution since tension is placed on the implant shoulder.[81,82]

A larger implant diameter improves load distribution by increasing primary stability and functional surface area. Nonetheless, a significant amount of research has demonstrated that, in lower-quality bone, implants with smaller diameters can still establish adequate primary stability. Similar findings were observed by Rossa et al. in their retrospective analysis of dental implant failure rates . [83.]

Consequently, it has been noted that dental implants placed in the mandible—particularly in the posterior region of the jaw—have a higher chance of failing early on. On the other hand, late dental implant failure was linked to a longer implant, a localization within the maxilla, and a higher patient age. According to Javed et al., surface quality is far more important for implant life than implant diameter, which they believed to be a secondary factor [84]. Among these are retention sites or micro-threads at the implant shoulder, which have led to better load distribution in the alveolar ridge [70.]

Additionally, Kämmerer et al. demonstrated that mini-implants could potentially provide favorable results. Particularly important were the rigorous reduction of

insertion torque and the optimal bone preparation.[85] According to several research, implants with a wider diameter had a worse survival rate.

According to a meta-analysis by Lee et al, wide-diameter implants had a promising 5-year survival rate.. However, compared to normal diameter implants, narrow implants with a diameter of 2.5 mm and bigger have comparable survival rates, according to the 2018 ITI Consensus Conference[86]. Now that bone loss happens early on in the implant neck, where stress is concentrated, diameter is thought to become a more important issue as soon as implant length is sufficient.

Two complimentary but unfavorable situations are present, especially in the posterior region: on the one hand, masticatory pressures in this region are over 300% more than in other tooth regions; on the other hand, the posterior region frequently exhibits comparably low bone quality in the maxilla. In light of this, standard methods that rely on simply altering the implant diameter to increase surface area are inadequate. Although this concept can only increase surface area by 30%, changing the diameter and the thread type can increase surface area up to 300 times.[74]

In our questionnaire, 34.4 % respondents (n=241) think that Primary stability and stress distribution will be best in Implants with a diameter of 3.3 mm to 3.5 mm, 33% opted for 2.5-3.5 mm diameter, 11 % opted for Nano-Implants, 10.9 % opted for none of the options and 10.3 % opted for >5.5 mm.

There are three types of dental implant placement: immediate, delayed, and late. The duration between a tooth extraction and the implantation of a dental implant is indicated by each type [87]. Dental implants that are placed soon after a tooth is extracted are known as immediate placement implants. When there is enough bone volume at the extraction site and the implant can be stabilized, this treatment is typically carried out. Immediate implants are a safe treatment option, as evidenced by their well-established and well-documented advantages, which include shorter recovery times, high patient satisfaction, comfort, and survival rates [74, 88, 89]. Of course, the immediate implant's location is quite important. The initial dimension of

the labio-palatal socket has been demonstrated to have an impact on the creation and preservation of bone in the buccal wall.[90]

Immmediate implant placement appears to benefit from new techniques such as task-autonomous robotic devices. [91] However, research has not revealed any proof that the macrogeometry of the implant has any effect on the precision of guided implant insertion [92]. The authors predict that in the future, there will be more reasons for immediate implant placement due to increasing scientific data and practical experience.

Following tooth extraction, delayed implant implantation is carried out several weeks to months later. This process is typically carried out when healing time at the extraction site is necessary to ensure that the bone is dense enough to support the implant. Implant failure risk is decreased and sufficient healing time is allowed with delayed implant implantation [93].

The term "late implant placement" describes the placement of an implant during a long duration of time after tooth loss. Patient preferences, systemic or local disorders, or other conditions that may have prevented earlier implant placement may be the cause of this. In order to guarantee sufficient bone volume for the implant, late implant placement may necessitate further augmentation surgeries such sinus lift or bone grafting [94].

Based on awareness about the factors in deciding the Immediate,Early or Delayed loading of implants-48.85% considered bone quality, 15.86% considered zone of aesthetics and 25.43% were not aware .

The indication for tooth replacement, the amount and quality of bone that remains, and the patient's general health all have a role in the type of implant placement that is selected. Achieving the primary and secondary stability necessary for a successful osseointegration and long-term implant success depends heavily on implant design.

The present study was conducted in Department of Prosthodontics, crown & bridge, Babu Banarasi Das College of Dental Sciences, Lucknow. Within the limitations of the study, following conclusions were drawn :

1. 63.3% were somewhat aware and 29.9% were very aware and 6.9% were less aware about the implant dentistry.

2. Awareness regarding implant dentistry was highest in IIIrd year post graduates , followed by IInd year Post Graduates and least in Ist Year Post Graduates.

3. Awareness regarding implant dentistry was highest in Prosthodontics Post Graduates , followed by Periodontist and least in Oral Surgery Post Graduates.

4. Among all the respondents, 12.4% were not aware about the type of implant and 87.6% were aware about the type of implant.

5. Awareness regarding type of implant was highest in IIIrd year post graduates , followed by IInd year Post Graduates and least in Ist Year Post Graduates.

6. Awareness regarding type of implant was highest in Prosthodontics Post Graduates , followed by Periodontist and least in Oral Surgery Post Graduates.

7. Based on the awareness towards the geometry of implant , 15.3% were not aware about the geometry of implant and 84.7% were aware about geometry of implant .

8. awareness regarding Geometry of implant was highest in IIIrd year post graduates , followed by IInd year Post Graduates and least in Ist Year Post Graduates.

9. Awareness regarding Geometry of implant was highest in Prosthodontics Post Graduates , followed by Periodontist and least in Oral Surgery Post Graduates.

As more people require prosthetic therapy, the demand for implants has grown significantly. To be relevant in the growing field of prosthodontic implantology, education must constantly evaluate clinical practice and incorporate new advancements. Uniform curriculum are being developed at various levels of prosthodontic implantology education to prepare students for autonomous clinical decision-making.

The didactic technique of teaching emphasises lectures, time allocation, recommended subjects, and reference materials.

The experts identified a number of obstacles to implantology education, such as the challenge of incorporating new programs into an already overburdened curriculum, the introduction of relevant material within an appropriate time frame, funding, sufficient infrastructure, and the use of specialized faculty.

To create competent physicians committed to the advancement of prosthodontic implantology and for the good of society as a whole, significant progress is being made in the digitization and creation of a global curriculum.

In spite of the progress made in implant dentistry since its inception, there have been some loopholes in scientific based knowledge and established clinical experience among dental professionals and postgraduates

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96.

ANNEXURE-I

BABU BANARASI DAS UNIVERSITY

BBD City, Faizabad Road, Lucknow – 226028 (INDIA)

Dr. Lakshmi Bala
Professor and Head, Deptt of Biochemistry and
Member-Secretary, Institutional Ethics Committee (IEC) of BBD University, Lucknow

Communication of the Decision of the VIII[th] Institutional Ethics Committee Meeting

IEC Code: 39

BBDU/MDS/39/2024

Date: 27/02/2024

Title of the Project: Assessing Implant Dentistry Awareness Among Postgraduate Dental Students: A Survey Study

Principal Investigator: Dr. AISHWARYA GUNJAN **Department: Department of Prosthodontics**

Name and Address of the Institution: BBD University, Lucknow
Type of Submission: Modified, MDS Dissertation proposal

Dear Dr. Aishwarya Gunjan
The meeting of the Institutional Ethics Committee (IEC) was held on 06-02-2024 in Conference room, First Floor, BBDCODS, BBD University, Lucknow. Following members were present:

1	Dr. Chandishwar Nath Rtd. Chief Scientist, CDRI, Lucknow.	Chairman
2	Dr. JS Srivastava, Rtd. Chief Scientist, CDRI, Lucknow.	Member
3	Dr. Manodeep Sen, Professor, Department of Microbiology, RMLIMS, Lucknow	Member
4	Dr. Shaleen Chandra, Professor & Dean, Dental Sciences, Atal Bihari Vajpai Medical University (ABVM University), Lucknow	Member
5	Dr. Manuka Khanna, Professor, Deptt. of Political Science, Lucknow University, Lucknow	Member
6	Mr Abhishek Chaudhary, Advocate, Lucknow	Member
7	Dr. Puneet Ahuja, Professor of Oral Pathology and Principal, BBD College of Dental Sciences, BBD University, Lucknow	Member
8	Dr. Lakshmi Bala, Professor & Head, Department of Biochemistry, BBD College of Dental Sciences, BBD University, Lucknow	Member-Secretary

The committee reviewed and discussed your submitted documents of the research proposal in the meeting. Following comments were suggested and communicated.

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Comments:

1. To be added in PID– "My participation is purely voluntary in the study."
2. **In PID:** To add: Privacy & Confidentiality to be maintained.

Thereafter, the proposal was revised by Principal Investigator and duly approved by the Supervisor and Head of the Department.

Decisions: The committee approved the above proposal from ethics point of view.

Lakshmi Bala
27/02/24

(Dr. Lakshmi Bala)
Member-Secretary IEC
BBD University
Ethics Cell (Vth Floor, BBDCODS)
ethics@bbdu.ac.in

Dr. LAKSHMI BALA
Member-Secretary
Institutional Ethics Committee
BBD University, Lucknow-28

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ANNEXURE-II

QUESTIONNAIRE

Contact information

* Indicates required question

1. Your name *

2. I understand that my privacy is maintained and my participation is solely voluntary. *

   Mark only one oval.

   - ◯ Yes
   - ◯ No

3. Year of Dental Postgraduate Program: *

   Mark only one oval.

   - ◯ 1st Year
   - ◯ 2nd Year
   - ◯ 3rd Year

4. Which Specialization do you belong to? *

   Mark only one oval.

   - ◯ Prosthodontics
   - ◯ Oral surgery
   - ◯ Periodontics

5. How would you rate your overall awareness of dental implant treatment? *

Mark only one oval.

- ◯ Very aware
- ◯ Somewhat aware
- ◯ Less aware

6. What according to you is the cost of procuring a dental implant from an implant company?

Mark only one oval.

- ◯ Rs. 6000–10,000
- ◯ Rs. 10,000–15,000
- ◯ Rs. 15,000–20,000
- ◯ Rs. 20,000–25,000
- ◯ Do not know

7. Are you familiar with different types of dental implants available in the market?

Mark only one oval.

- ◯ Yes
- ◯ No

8. Do you actively seek out and evaluate research studies on dental implants and their outcomes?

Mark only one oval.

- ◯ Frequently
- ◯ Occasionally
- ◯ Rarely

9. What is the basic selection criteria for implant selection for you?

Mark only one oval.

- ◯ Popularity
- ◯ Price
- ◯ Warranty provided by manufacturer
- ◯ Implant geometry

10. Do you know about different Implant geometry?

Mark only one oval.

- ◯ Yes
- ◯ No

11. If yes, Do you know how many thread designs are available?

Mark only one oval.

- ◯ 2
- ◯ 3
- ◯ 5+
- ◯ Don't know

12. Which one of them is the most important factor to achieve adequate primary stability in an implant?

Mark only one oval.

- ◯ Bone quality
- ◯ Implant length and diameter
- ◯ Thread depth and diameter
- ◯ Pitch
- ◯ Face angle
- ◯ All of them

13. Which one of the following do you think provides better Bone Implant Contact(BIC)?

Mark only one oval.

- ◯ Implants with smaller thread pitches and with a larger thread depth
- ◯ Implants with larger thread pitch and smaller thread depth
- ◯ Not sure

14. Which one of designs do you think distributes the load better on the bone?

Mark only one oval.

- ◯ Cylindrical
- ◯ Tapered and threaded
- ◯ Not sure

15. Primary stability and stress distribution will be best in :

Mark only one oval.

- ◯ Narrow-diameter implants with a diameter< 2.5 mm (mini-implants)
- ◯ Implants with a diameter of 2.5 mm to < 3.3 mm
- ◯ Implants with a diameter of 3.3 mm to 3.5 mm.
- ◯ Implants with a diameter ≥ 5 mm (wide-diameter implants)
- ◯ Don't know

16. Do you know the different loading protocols of implants?

Mark only one oval.

- ◯ Yes
- ◯ No

17. If yes, what do you think is the major factor in deciding the Immediate , Early or Delayed loading of implants?

Mark only one oval.

- ◯ Bone condition
- ◯ Zone of esthetics
- ◯ Implant body designs
- ◯ Don't know

ANNEXURE-III

MASTER CHART

Aishwarya gunjan	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Aakanksha Shukla	1st Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Dr Maruf Shaikh	3rd Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Dr. Vineet Vaibhav	1st Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Sarvagya	1st Year	Oral surgery	Very aware	Rs. 20,000–25,000	No	Occasionally	Warranty provided by manufacturer
Abhi jeet	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Priyanshi Jaiswal	1st Year	Prosthodontics	Somewhat aware	Do not know	Yes	Occasionally	Popularity
Rashmika Kapoor	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Price
Dr.chirag yadav	2nd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Dipanwita Das	2nd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Warranty provided by manufacturer
Lipika	2nd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Soumya Sharma	3rd Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Reesav Gupta	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	No	Occasionally	Implant geometry
Priyanshu ramuka	1st Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Simran Mishra	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Riya Agarwal	2nd Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Karan Rastogi	1st Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Megha Joshi	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry

Soamya Gandhi	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Popularity
Dr. Ginni Verma	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Yashica	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Huma Waris	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr Dikshita Das	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Price
Shweta Ghanvat	2nd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Warranty provided by manufacturer
Dr. Rukmini Shah	2nd Year	Periodontics	Somewhat aware	Rs. 6000–10,000	No	Occasionally	Implant geometry
Dr Surbhi Singh	2nd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Vaibhav	1st Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Price
Bhibhuti Gupta	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Sekhar Suman Hazarika	3rd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Price
Tarun Prakash	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Dr. Prashant Mehrotra	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Raina Agarwal	2nd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Twinkle Sinha	1st Year	Periodontics	Very aware	Rs. 20,000–25,000	Yes	Rarely	Popularity
Alankrita	2nd Year	Periodontics	Very aware	Rs. 10,000–15,000		Frequently	Warranty provided by manufacturer
Dr. Gyan Prakash Dubey	2nd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Popularity
Noori mehak	1st Year	Periodontics	Somewhat aware	Do not know	Yes	Occasionally	Implant geometry
Shweta rani	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	No	Rarely	Warranty provided by manufacturer
Arati KM	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Namra Kausar	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Frequently	Price

Prithu Singh	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Deeksha	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Frequently	Price
Vidisha	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Warranty provided by manufacturer
Shaish gupta	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Ranjeet singh	3rd Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Pathou Ayekpam	1st Year	Prosthodontics	Not aware	Rs. 10,000–15,000	No	Occasionally	Popularity
Poulami	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Warranty provided by manufacturer
Dr.Shivankar Tyagi	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Drishti Jaiswal	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Hira anwar	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Stuti Jain	1st Year	Periodontics	Not aware	Rs. 20,000–25,000	Yes	Occasionally	Implant geometry
Neha Kohli	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Anusha Dixit	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Vishal Verma	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Dhirashree koch	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Rajvi	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Simran taneja	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Udit chaudhary	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Price
Virendra	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Aarav sharma	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Popularity
Akash verma	3rd Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry

Arjun singh	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Ayush kapoor	2nd Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Frequently	Popularity
Aditya rao	1st Year	Oral surgery	Not aware	Rs. 15,000–20,000	Yes	Rarely	Popularity
Ananya verma	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr Yash singh	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Amrita singh	1st Year	Prosthodontics	Not aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Charu rukhaiya	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Kehkashan khan	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Azam ahmed	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Anurag singh	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Aayushi singh	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Aashish dubey	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Janani	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Ayushi pandey	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	No	Occasionally	Implant geometry
Shivangi gupta	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Sheena jain	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Dr Aarav sharma	1st Year	Oral surgery	Not aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Diya patel	3rd Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Advait singh	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Dr. Isha sharma	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Arjun Gupta	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry

Ananya Desai	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Dr. Vedant shah	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Dr Riya Mehta	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Aaradhya tiwari	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Virat chaudhary	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Anaya Reddy	2nd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Atharva singh	3rd Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Price
Saanvi jain	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Price
Aryan kumar	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Anika das	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	No	Rarely	Price
Devbrat patel	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Isha sharma	1st Year	Prosthodontics	Not aware	Rs. 15,000–20,000	Yes	Rarely	Popularity
Dr krishna sharma	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aadi sharma	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Rashmi gupta	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Shaurya rao	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Aditya sinha	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Warranty provided by manufacturer
Akhilesh singh	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Vivaan kumar	3rd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Avni gupta	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Zareen akbal	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry

Aarush verma	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aisha singh	1st Year	Prosthodontics	Not aware	Rs. 6000–10,000	Yes	Occasionally	Price
Aayush srivastava	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Reena sharma	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Reyansh singh	1st Year	Periodontics	Not aware	Do not know	Yes	Rarely	Popularity
Riya kapoor	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Kushal sharma	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Meher patel	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Prachi	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Dr Saurav	3rd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Dr Nagma	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Shreya Shukla	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	No	Rarely	Implant geometry
Ritesh roy	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Price
Atharav Mishra	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Anshika Jain	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Dr. Rakesh Gupta	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Dr. Saumya singh	2nd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Dr. Ashish	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Popularity
Upasana Jaiswal	1st Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Frequently	Warranty provided by manufacturer
Rishika gautam	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Dr. Nimisha Shrivastava	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Warranty provided by manufacturer

Pallavi rai	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Popularity
Aditi Dubey	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Popularity
Dr. Chandan kumar Roy	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Abhishek yadav	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Dr. Nikita	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Dr. Ankita	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Raavanaya	2nd Year	Oral surgery	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Popularity
Vipin singh	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Warranty provided by manufacturer
Dr. Abhinav	3rd Year	Oral surgery	Very aware	Rs. 15,000–20,000	Yes	Frequently	Implant geometry
Roma Roy	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Urooj khan	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Price
Dr. Shubhi Garg	1st Year	Oral surgery	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Implant geometry
Dr. Varsha	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Warranty provided by manufacturer
Nidhi Jaiswal	1st Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Rarely	Warranty provided by manufacturer
Ashwani Rai	1st Year	Oral surgery	Somewhat aware	Rs. 15,000–20,000	Yes	Rarely	Popularity
Reesav Gupta	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Gaurav shukla	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Gyan sharma	3rd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Tanya srivastava	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Vaibhav sinha	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Mansi sharma	1st Year	Prosthodontics	Not aware	Do not know	Yes	Rarely	Popularity

Himanshi Yadav	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Price
Arvind kumar	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Popularity
Anukriti srivastava	2nd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Pritam Jaiswal	2nd Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Warranty provided by manufacturer
Prakash Dubey	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Dr. Manisha	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	No	Occasionally	Price
Tasmia ali	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Rajesh Mishra	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Dr. Avika Pal	3rd Year	Periodontics	Very aware	Rs. 15,000–20,000	Yes	Occasionally	Implant geometry
Dr. Kapish Singh	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Dr. Anusha	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Dr. Smriti singh	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Dr. Lalita Mishra	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Dr. Sahil yadav	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Dr. NITIYA	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Rishita Mishra	2nd Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Frequently	Implant geometry
Jahnvi Sharma	1st Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Dr. Vivek	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Dr. Komal	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Mohit Gautam	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Dr. Ashi	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry

Dr. Bhavna kapoor	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Shekhar	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Om Prakash	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Harisha	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	No	Occasionally	Warranty provided by manufacturer
Krishna	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Rashmi	2nd Year	Oral surgery	Not aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Jai singh	2nd Year	Prosthodontics	Not aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Kiran	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Warranty provided by manufacturer
Vivek Singh	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Abhi	1st Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Price
Mradul Singh	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Mohit kumar	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Dr. Kritika	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Divyansh	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Jaya	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Dr. Bivek kumar	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Aryan	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Dr. Kajal Shukla	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Huma khan	1st Year	Periodontics	Not aware	Rs. 10,000–15,000	Yes	Rarely	Warranty provided by manufacturer
Dr. Sushmita	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ashutosh Dixit	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry

Jay jain	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Rishi kumar	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Rajat	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Asma	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Roopali	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Vatsala	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr.Priyam	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Himanshu Mishra	1st Year	Prosthodontics	Not aware	Rs. 6000–10,000	No	Rarely	Warranty provided by manufacturer
Rita	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Shalu	3rd Year	Prosthodontics	Very aware	Rs. 20,000–25,000	No	Occasionally	Popularity
Aman	2nd Year	Oral surgery	Not aware	Rs. 20,000–25,000	Yes	Frequently	Warranty provided by manufacturer
Neelam	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	No	Occasionally	Warranty provided by manufacturer
Archana	1st Year	Prosthodontics	Very aware	Rs. 6000–10,000	No	Rarely	Popularity
Bivek	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Rajeev	1st Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Popularity
Dr. Wahib	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Visakha	2nd Year	Prosthodontics	Not aware	Rs. 6000–10,000	Yes	Frequently	Warranty provided by manufacturer
Sneha singh	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Himadiri	3rd Year	Periodontics	Somewhat aware	Rs. 20,000–25,000	Yes	Occasionally	Price
Saona Pal	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr.Amitabh	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry

Risav	3rd Year	Periodontics	Not aware	Rs. 15,000–20,000	Yes	Frequently	Popularity
Dr. SOMAKSHI	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Seema	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Rarely	Popularity
Dr. Navisha	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Shital	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Payal Pal	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Samita	2nd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Vikas jain	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Preet	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Joysi	2nd Year	Periodontics	Somewhat aware	Rs. 20,000–25,000	Yes	Frequently	Price
Simmy kapoor	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Rani	1st Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	No	Frequently	Popularity
Kusum Pal	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Reet nanda	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Hrithik Gupta	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Dr. Yashi	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Saba hasan	1st Year	Prosthodontics	Very aware		Yes	Occasionally	Popularity
Tarun Prakash	1st Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Ananaya	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Yuvraj	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Krishna	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Warranty provided by manufacturer

Dr. Suman	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Kriti Shukla	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Gita	2nd Year	Oral surgery	Somewhat aware	Rs. 15,000–20,000	Yes	Rarely	Implant geometry
Vivek kumar	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Tara Rani	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Vishnu	1st Year	Prosthodontics	Not aware	Rs. 15,000–20,000	Yes	Rarely	Popularity
Ayan khan	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ragini Pandey	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ravikant	3rd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Veer	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Mina kumar	1st Year	Periodontics	Not aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Rishu	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Divya Agrawal	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Gita mishra	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Mitali	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Bhavesh	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Yash	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Ranveer	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ishita tiwari	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Kuldeep	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dinesh	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer

Fiza	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Divya	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Sikhaa	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Dr. Vinna	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Himadri	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Dr. Sarah	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Ahana	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Rujuta	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Om pal	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Nisha	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Gopali	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Isha	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Archana	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Dr. Zeel Mehta	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Saksham	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dipta kumari	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Arpan soni	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Tina	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Hinna	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Poonam	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Rida	1st Year	Prosthodontics	Not aware	Rs. 10,000–15,000	Yes	Rarely	Warranty provided by manufacturer

Sejal	1st Year	Periodontics	Not aware	Rs. 10,000–15,000	Yes	Rarely	Warranty provided by manufacturer
Nancy	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Popularity
Ram Dubey	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Pritika	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Anand	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Mukesh	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Winni	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Yuji	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Tina singh	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Sana saifi	2nd Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	No	Frequently	Price
Kashif	2nd Year	Periodontics	Not aware	Rs. 15,000–20,000	Yes	Frequently	Popularity
Sunidhi	3rd Year	Oral surgery	Somewhat aware	Rs. 20,000–25,000	No	Frequently	Warranty provided by manufacturer
Rusa	1st Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	No	Occasionally	Implant geometry
Vaishali	1st Year	Periodontics	Very aware	Rs. 15,000–20,000	No	Rarely	Implant geometry
Danish	3rd Year	Periodontics	Not aware	Do not know	No	Rarely	Implant geometry
Riya	2nd Year	Periodontics	Not aware	Do not know	No	Rarely	Warranty provided by manufacturer
Sonam	2nd Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	No	Occasionally	Implant geometry
Suchandra	3rd Year	Prosthodontics	Not aware	Rs. 15,000–20,000	No	Rarely	Price
Pinaki	1st Year	Oral surgery	Somewhat aware	Rs. 20,000–25,000	No	Rarely	Popularity
Shreya kapoor	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	No	Occasionally	
Shally	2nd Year	Oral surgery	Somewhat aware	Rs. 20,000–25,000	No	Occasionally	Warranty provided by manufacturer

Kashish	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	No	Rarely	Warranty provided by manufacturer
Dr. Anita	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Niharika	2nd Year	Periodontics	Very aware	Rs. 20,000–25,000	Yes	Frequently	Popularity
Bushra	2nd Year	Oral surgery	Somewhat aware	Rs. 20,000–25,000	Yes	Frequently	Price
Dr. Sita	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Pratik	2nd Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Occasionally	Price
Unnati	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dishant	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Manju	2nd Year	Prosthodontics	Somewhat aware	Rs. 20,000–25,000	No	Rarely	Popularity
Ananya	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	No	Occasionally	Warranty provided by manufacturer
Harshit	2nd Year	Oral surgery	Somewhat aware	Rs. 20,000–25,000	No	Occasionally	Warranty provided by manufacturer
Yashika	1st Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Frequently	Popularity
Tushar	2nd Year	Oral surgery	Not aware	Do not know	No	Frequently	Price
Naman	2nd Year	Prosthodontics	Not aware	Do not know	Yes	Occasionally	Warranty provided by manufacturer
Vaibhav	1st Year	Oral surgery	Not aware	Rs. 20,000–25,000	No	Occasionally	Price
Farhan	1st Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	No	Occasionally	Warranty provided by manufacturer
Prince	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Price
Karan	2nd Year	Prosthodontics	Not aware	Do not know	No	Occasionally	Warranty provided by manufacturer
Dr. Arnav sharma	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Vinay kumar	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr siya	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Popularity

Dr . Tina	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Arjun patel	2nd Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Implant geometry
Mamta	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Myra shah	3rd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Sanvi Kumari	2nd Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Implant geometry
Dr. Timsi	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Tina	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Nikita Mishra	1st Year	Prosthodontics	Not aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Dr. Riya singhania	2nd Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Implant geometry
Dr. Aisha patel	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Jishan	3rd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Tanisha	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Ashutosh Jaiswal	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Sita	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Dr. Vihaan	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Meenu	1st Year	Oral surgery	Not aware	Rs. 6000–10,000	Yes	Occasionally	Price
Jeeru	1st Year	Prosthodontics	Very aware	Rs. 15,000–20,000	No	Occasionally	Popularity
Vartika	1st Year	Periodontics	Very aware	Rs. 20,000–25,000	Yes	Occasionally	Price
Anushka	2nd Year	Prosthodontics	Somewhat aware	Rs. 20,000–25,000	Yes	Frequently	Price
Dr Ananya sharma	3rd Year	Periodontics	Very aware	Rs. 15,000–20,000	Yes	Occasionally	Popularity
Aarav sinha	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer

Riya verma	1st Year	Oral surgery	Somewhat aware	Rs. 15,000–20,000	Yes	Frequently	Price
Shaurya singh	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aparna singh	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Akhilesh reddy	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Sharmila shanmugam	3rd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Shreyan barthwal	2nd Year	Oral surgery	Not aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Halith syed	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Dr Aamir	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Price
Chavi raj	1st Year	Periodontics	Not aware	Do not know	Yes	Rarely	Implant geometry
Harshit sinha	1st Year	Oral surgery	Not aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Vishwajeet	1st Year	Periodontics	Not aware	Rs. 15,000–20,000	Yes	Occasionally	Popularity
Shiva kejriwal	2nd Year	Prosthodontics	Not aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Aditya Sharma	3rd Year	Periodontics	Not aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Ananya Patel	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Arjun Singh	1st Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Vedant Gaikwad	3rd Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Navya Mane	1st Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Aaradhya Gupta	1st Year	Oral surgery	Very aware	Rs. 20,000–25,000	No	Occasionally	Warranty provided by manufacturer
Advait Shah	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Aisha Reddy	1st Year	Prosthodontics	Somewhat aware	Do not know	Yes	Occasionally	Popularity
Zahra Hussain	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Price

Danish Malik	2nd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Aisha Ahmed	2nd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Warranty provided by manufacturer
Aditya Rao	2nd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Ananya Menon	3rd Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Vihaan Jadhav	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	No	Occasionally	Implant geometry
Diya More	1st Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Yash Shah	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Arjun Iyer	2nd Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Aaradhya Nair	1st Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Advait Raman	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Aishwarya Kumar	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Popularity
Vikram Pillai	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Nithya Sundaram	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Vivek Balan	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Devika Nair	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Price
Varun Menon	2nd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Warranty provided by manufacturer
Kiara Naidu	2nd Year	Periodontics	Somewhat aware	Rs. 6000–10,000	No	Occasionally	Implant geometry
Vedant Kumar	2nd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Navya Desai	1st Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Price
Vihaan Joshi	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Diya Malhotra	3rd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Price

Asma Akhtar	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Sami Khan	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Yash Kapoor	2nd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Kiara Choudhary	1st Year	Periodontics	Very aware	Rs. 20,000–25,000	Yes	Rarely	Popularity
Aarav Das	2nd Year	Periodontics	Very aware	Rs. 10,000–15,000		Frequently	Warranty provided by manufacturer
Hiba Khan	2nd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Popularity
Rehan Siddiqui	1st Year	Periodontics	Somewhat aware	Do not know	Yes	Occasionally	Implant geometry
Siya Singh	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	No	Rarely	Warranty provided by manufacturer
Aryan Mehta	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Anika Sharma	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Frequently	Price
Shaurya Patelara Qureshi	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Aariz Farooqi	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Frequently	Price
Aarav Srinivasan	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Warranty provided by manufacturer
Ishani Patil	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Reyansh Ghadge	3rd Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Sneha Raghavan	1st Year	Prosthodontics	Not aware	Rs. 10,000–15,000	No	Occasionally	Popularity
Krish Iyer	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Warranty provided by manufacturer
Amir Qazi	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Safa Khan	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Zain Mirza	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Noor Fatima	1st Year	Periodontics	Not aware	Rs. 20,000–25,000	Yes	Occasionally	Implant geometry

Advay Gokhale	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Saanvi Gavaskar	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Myra Jain	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Krish Verma	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aanya Gupta	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Arnav Reddy	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ishani Pandey	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Price
Advik Singhania	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Saanvi Bhatia	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Popularity
Reyansh Sharma	3rd Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Anaya Kapoor	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Atharv Yadav	2nd Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Frequently	Popularity
Ishika Rana	1st Year	Oral surgery	Not aware	Rs. 15,000–20,000	Yes	Rarely	Popularity
Aadi Patel	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Avni Mishra	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Adnan Khan	1st Year	Prosthodontics	Not aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Naima Sheikh	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Aariz Patel	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Aarush Kumar	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Tanisha Chopra	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Arjun Khanna	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Popularity

Anvi Singh	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Faizan Siddiqui	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Zeba Ahmed	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	No	Occasionally	Implant geometry
Advay Agarwal	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Zara Ahuja	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Vihaan Suri	1st Year	Oral surgery	Not aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Myra Dutt	3rd Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Krish Kapoor	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Aarohi Sharma	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aaryan Malhotra	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Ananya Sinha	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Anaya Kale	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Atharv Paranjpe	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Dr. Naman lohia	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Shaan Gupta	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Popularity
Navya Mehra	2nd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Kiara Joshi	3rd Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Price
Aarav Chawla	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Price
Reyansh Singh	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Dr.Avani Chopra	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	No	Rarely	Price
Vihaan Khatri	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer

Ishita Sethi	1st Year	Prosthodontics	Not aware	Rs. 15,000–20,000	Yes	Rarely	Popularity
Krish Thakare	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ayaan Kumar	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Anvi Gupta	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Ishika Kulkarni	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Aadi Soman	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Warranty provided by manufacturer
Avni Chitnis	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ansh Shah	3rd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Anika Mishra	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Advit Singh	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Anaya Arora	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Vivaan Singh	1st Year	Prosthodontics	Not aware	Rs. 6000–10,000	Yes	Occasionally	Price
Aanya Gavade	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Arnav Desai	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aaradhya Rao	1st Year	Periodontics	Not aware	Do not know	Yes	Rarely	Popularity
Vihan Agarwal	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Implant geometry
Aanya Dhawan	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Shaurya Saxena	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Navya Kapoor	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Kiyan Patel	3rd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Aarohi Khanna	3rd Year	Periodontics	Very aware	Rs. 6000–10,000	Yes	Occasionally	Popularity

Aryan Mehra	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	No	Rarely	Implant geometry
Zoya Sharma	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Price
Arnav Singh	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Anvi Ahuja	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Advik Jain	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Ananya Verma	2nd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Aarush Gupta	3rd Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Popularity
Aaradhya Chauhan	1st Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Frequently	Warranty provided by manufacturer
Arush Joshi	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Aarohi Iyer	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Warranty provided by manufacturer
Arya Kumar	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Popularity
Tanvi Nair	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Popularity
Aarush Menon	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Aadya Srinivasan	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Advaith Naidu	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Shaurya Mhatre	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Myra Ghule	2nd Year	Oral surgery	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Popularity
Avni Mehra	1st Year	Periodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Warranty provided by manufacturer
Vihaan Sharma	3rd Year	Oral surgery	Very aware	Rs. 15,000–20,000	Yes	Frequently	Implant geometry
Ishani Singh	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aayan Khurana	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Price

Anvi Kapoor	1st Year	Oral surgery	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Implant geometry
Aditya Sharma	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Warranty provided by manufacturer
Navya Agarwal	1st Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Rarely	Warranty provided by manufacturer
Advay Kapoor	1st Year	Oral surgery	Somewhat aware	Rs. 15,000–20,000	Yes	Rarely	Popularity
Kiara Nair	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Aarav Patel	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Myra Reddy	3rd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Arjun Mehra	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Aditya Joshi	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Ananya Deshmukh	1st Year	Prosthodontics	Not aware	Do not know	Yes	Rarely	Popularity
Arjun Patil	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Price
Aaradhya Thakur	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Popularity
Advait Kulkarni	2nd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Aisha Pawar	2nd Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Warranty provided by manufacturer
Kiara Sawant	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Aarav Chavan	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	No	Occasionally	Price
Siya Kadam	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Aryan Pawar	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Anika Joshi	3rd Year	Periodontics	Very aware	Rs. 15,000–20,000	Yes	Occasionally	Implant geometry
Ishita Singh	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Aarav Gupta	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer

Anika Chauhan	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Aanya Krishnan	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Arnav Chandran	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Ishita Venkat	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Aditya Venkatesh	2nd Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Frequently	Implant geometry
Myra Subramanian	1st Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Vivek Raghunath	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Siya Iyengar	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Yuvan Krishnamurthy	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Isha Patel	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Reyansh Menon	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Anika Ravi	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Atharv Shankar	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ishani Suresh	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	No	Occasionally	Warranty provided by manufacturer
Aryan Kumar	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Priya Murthy	2nd Year	Oral surgery	Not aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Aadi Ramachandran	2nd Year	Prosthodontics	Not aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Avani Gopal	1st Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Rarely	Warranty provided by manufacturer
Arjun Rajan	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Anvi Balaji	1st Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Price
Advik Soman	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry

Zara Raj	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Vihaan Prakash	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Advait Joshi	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ananya Kapoor	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Aarush Khatri	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aaradhya Mehra	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Arnav Saxena	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Anvi Reddy	1st Year	Periodontics	Not aware	Rs. 10,000–15,000	Yes	Rarely	Warranty provided by manufacturer
Aryan Kapoor	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Zara Verma	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Vihaan Chawla	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Avani Pandey	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Krish Khurana	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aarohi Gupta	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ayaan Khan	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Zoya Ahmed	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Rayan Siddiqui	1st Year	Prosthodontics	Not aware	Rs. 6000–10,000	No	Rarely	Warranty provided by manufacturer
Fatima Ali	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Yusuf Sheikh	3rd Year	Prosthodontics	Very aware	Rs. 20,000–25,000	No	Occasionally	Popularity
Ayesha Rahman	2nd Year	Oral surgery	Not aware	Rs. 20,000–25,000	Yes	Frequently	Warranty provided by manufacturer

Ibrahim Ansari	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	No	Occasionally	Warranty provided by manufacturer
Mariam Khan	1st Year	Prosthodontics	Very aware	Rs. 6000–10,000	No	Rarely	Popularity
Omar Ahmad	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Aditya Sharma	1st Year	Prosthodontics	Very aware	Rs. 6000–10,000	Yes	Frequently	Popularity
Ananya Patel	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Arjun Singh	2nd Year	Prosthodontics	Not aware	Rs. 6000–10,000	Yes	Frequently	Warranty provided by manufacturer
Vedant Gaikwad	1st Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Navya Mane	3rd Year	Periodontics	Somewhat aware	Rs. 20,000–25,000	Yes	Occasionally	Price
Aaradhya Gupta	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Advait Shah	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aisha Reddy	3rd Year	Periodontics	Not aware	Rs. 15,000–20,000	Yes	Frequently	Popularity
Zahra Hussain	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Danish Malik	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Rarely	Popularity
Aisha Ahmed	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aditya Rao	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Ananya Menon	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Vihaan Jadhav	2nd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Diya More	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Yash Shah	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Popularity
Arjun Iyer	2nd Year	Periodontics	Somewhat aware	Rs. 20,000–25,000	Yes	Frequently	Price
Aaradhya Nair	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry

Advait Raman	1st Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	No	Frequently	Popularity
Aishwarya Kumar	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Vikram Pillai	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Nithya Sundaram	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Vivek Balan	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Devika Nair	1st Year	Prosthodontics	Very aware		Yes	Occasionally	Popularity
Varun Menon	1st Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Kiara Naidu	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Vedant Kumar	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Navya Desai	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Warranty provided by manufacturer
Vihaan Joshi	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Diya Malhotra	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Asma Akhtar	2nd Year	Oral surgery	Somewhat aware	Rs. 15,000–20,000	Yes	Rarely	Implant geometry
Sami Khan	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Yash Kapoor	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Kiara Choudhary	1st Year	Prosthodontics	Not aware	Rs. 15,000–20,000	Yes	Rarely	Popularity
Aarav Das	3rd Year	Periodontics	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Hiba Khan	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Rehan Siddiqui	3rd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Siya Singh	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aryan Mehta	1st Year	Periodontics	Not aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry

Anika Sharma	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Shaurya Patelara Qureshi	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aariz Farooqi	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aarav Srinivasan	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ishani Patil	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Reyansh Ghadge	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Sneha Raghavan	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Krish Iyer	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Amir Qazi	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Safa Khan	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Zain Mirza	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Noor Fatima	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Advay Gokhale	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Saanvi Gavaskar	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Myra Jain	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Krish Verma	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Aanya Gupta	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Arnav Reddy	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ishani Pandey	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Advik Singhania	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Saanvi Bhatia	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry

Reyansh Sharma	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Anaya Kapoor	3rd Year	Prosthodontics	Very aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Atharv Yadav	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ishika Rana	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aadi Patel	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Avni Mishra	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Adnan Khan	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Naima Sheikh	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Aariz Patel	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aarush Kumar	1st Year	Prosthodontics	Not aware	Rs. 10,000–15,000	Yes	Rarely	Warranty provided by manufacturer
Tanisha Chopra	1st Year	Periodontics	Not aware	Rs. 10,000–15,000	Yes	Rarely	Warranty provided by manufacturer
Arjun Khanna	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Popularity
Anvi Singh	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Faizan Siddiqui	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Zeba Ahmed	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Advay Agarwal	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Zara Ahuja	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Vihaan Suri	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Myra Dutt	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Krish Kapoor	2nd Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	No	Frequently	Price
Aarohi Sharma	2nd Year	Periodontics	Not aware	Rs. 15,000–20,000	Yes	Frequently	Popularity

Aaryan Malhotra	3rd Year	Oral surgery	Somewhat aware	Rs. 20,000–25,000	No	Frequently	Warranty provided by manufacturer
Ananya Sinha	1st Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	No	Occasionally	Implant geometry
Anaya Kale	1st Year	Periodontics	Very aware	Rs. 15,000–20,000	No	Rarely	Implant geometry
Atharv Paranjpe	3rd Year	Periodontics	Not aware	Do not know	No	Rarely	Implant geometry
Arjun Patil	2nd Year	Periodontics	Not aware	Do not know	No	Rarely	Warranty provided by manufacturer
Shaan Gupta	2nd Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	No	Occasionally	Implant geometry
Navya Mehra	3rd Year	Prosthodontics	Not aware	Rs. 15,000–20,000	No	Rarely	Price
Kiara Joshi	1st Year	Oral surgery	Somewhat aware	Rs. 20,000–25,000	No	Rarely	Popularity
Aarav Chawla	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	No	Occasionally	
Reyansh Singh	2nd Year	Oral surgery	Somewhat aware	Rs. 20,000–25,000	No	Occasionally	Warranty provided by manufacturer
Avani Chopra	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	No	Rarely	Warranty provided by manufacturer
Vihaan Khatri	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Ishita Sethi	2nd Year	Periodontics	Very aware	Rs. 20,000–25,000	Yes	Frequently	Popularity
Krish Thakare	2nd Year	Oral surgery	Somewhat aware	Rs. 20,000–25,000	Yes	Frequently	Price
Ayaan Kumar	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Anvi Gupta	2nd Year	Oral surgery	Very aware	Rs. 6000–10,000	Yes	Occasionally	Price
Ishika Kulkarni	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aadi Soman	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Avni Chitnis	2nd Year	Prosthodontics	Somewhat aware	Rs. 20,000–25,000	No	Rarely	Popularity
Ansh Shah	2nd Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	No	Occasionally	Warranty provided by manufacturer
Anika Mishra	2nd Year	Oral surgery	Somewhat aware	Rs. 20,000–25,000	No	Occasionally	Warranty provided by manufacturer

Advit Singh	1st Year	Oral surgery	Somewhat aware	Rs. 6000–10,000	Yes	Frequently	Popularity
Anaya Arora	2nd Year	Oral surgery	Not aware	Do not know	No	Frequently	Price
Vivaan Singh	2nd Year	Prosthodontics	Not aware	Do not know	Yes	Occasionally	Warranty provided by manufacturer
Aanya Gavade	1st Year	Oral surgery	Not aware	Rs. 20,000–25,000	No	Occasionally	Price
Arnav Desai	1st Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	No	Occasionally	Warranty provided by manufacturer
Aaradhya Rao	3rd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Price
Vihan Agarwal	2nd Year	Prosthodontics	Not aware	Do not know	No	Occasionally	Warranty provided by manufacturer
Aanya Dhawan	3rd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Shaurya Saxena	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Navya Kapoor	1st Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Popularity
Kiyan Patel	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aarohi Khanna	2nd Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Implant geometry
Aryan Mehra	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Zoya Sharma	3rd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Arnav Singh	2nd Year	Periodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Implant geometry
Anvi Ahuja	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Advik Jain	2nd Year	Prosthodontics	Somewhat aware	Rs. 6000–10,000	Yes	Occasionally	Implant geometry
Ananya Verma	1st Year	Prosthodontics	Not aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Aarush Gupta	2nd Year	Prosthodontics	Somewhat aware	Rs. 15,000–20,000	Yes	Occasionally	Implant geometry
Aaradhya Chauhan	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Arush Joshi	3rd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry

Aarohi Iyer	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Arya Kumar	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Tanvi Nair	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aarush Menon	3rd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Aadya Srinivasan	1st Year	Oral surgery	Not aware	Rs. 6000–10,000	Yes	Occasionally	Price
Advaith Naidu	1st Year	Prosthodontics	Very aware	Rs. 15,000–20,000	No	Occasionally	Popularity
Shaurya Mhatre	1st Year	Periodontics	Very aware	Rs. 20,000–25,000	Yes	Occasionally	Price
Myra Ghule	2nd Year	Prosthodontics	Somewhat aware	Rs. 20,000–25,000	Yes	Frequently	Price
Avni Mehra	3rd Year	Periodontics	Very aware	Rs. 15,000–20,000	Yes	Occasionally	Popularity
Vihaan Sharma	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Ishani Singh	1st Year	Oral surgery	Somewhat aware	Rs. 15,000–20,000	Yes	Frequently	Price
Aayan Khurana	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Anvi Kapoor	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
Aditya Sharma	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Navya Agarwal	3rd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Advay Kapoor	2nd Year	Oral surgery	Not aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Kiara Nair	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Aarav Patel	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Price
Myra Reddy	1st Year	Periodontics	Not aware	Do not know	Yes	Rarely	Implant geometry
Arjun Mehra	1st Year	Oral surgery	Not aware	Rs. 10,000–15,000	Yes	Occasionally	Price
Aditya Joshi	1st Year	Periodontics	Not aware	Rs. 15,000–20,000	Yes	Occasionally	Popularity

Ananya Deshmukh	2nd Year	Prosthodontics	Not aware	Rs. 6000–10,000	Yes	Rarely	Implant geometry
Dr. Purvi	3rd Year	Oral surgery	Very aware	Rs. 10,000–15,000	Yes	Occasionally	Implant geometry
Harsh singh	1st Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Warranty provided by manufacturer
abhay chaubey	2nd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Adarsh Singh	3rd Year	Oral surgery	Somewhat aware	Rs. 10,000–15,000	Yes	Frequently	Implant geometry
Sachin shindey	2nd Year	Oral surgery	Not aware	Rs. 10,000–15,000	Yes	Occasionally	Warranty provided by manufacturer
Aman sinha	2nd Year	Periodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Implant geometry
Zainab	2nd Year	Prosthodontics	Somewhat aware	Rs. 10,000–15,000	Yes	Rarely	Price
Animesh srivastava	1st Year	Periodontics	Not aware	Do not know	Yes	Rarely	Implant geometry
Vivek kapoor	1st Year	Oral surgery	Not aware	Rs. 10,000–15,000	Yes	Occasionally	Price

ANNEXURE-IV

STATISTICAL ANALYSIS

Chi Square Test

Chi-square is a statistical test commonly used to compare observed data with data we would expect to obtain according to a specific hypothesis. When an analyst attempts to fit a statistical model to observed data, he or she may wonder how well the model actually reflects the data. How "close" are the observed values to those which would be expected under the fitted model? One statistical test that addresses this issue is the chi-square goodness of fit test. This test is commonly used to test association of variables in two-way tables, where the assumed model of independence is evaluated against the observed data. In general, the ***chi-square test statistic*** is of the form

$$X^2 = \sum \frac{(\text{observed - expected})^2}{\text{expected}}$$

If the computed test statistic is large, then the observed and expected values are not close and the model is a poor fit to the data

Regression analysis

n statistical modeling, regression analysis is a set of statistical processes for estimating the relationships between a dependent variable (often called the 'outcome' or 'response' variable, or a 'label' in machine learning parlance) and one or more independent variables (often called 'predictors', 'covariates', 'explanatory variables' or 'features'). The most common form of regression analysis is linear regression, in which one finds the line (or a more complex linear combination) that most closely fits the data according to a specific mathematical criterion. For example,

the method of ordinary least squares computes the unique line (or hyperplane) that minimizes the sum of squared differences between the true data and that line (or hyperplane). For specific mathematical reasons (see linear regression), this allows the researcher to estimate the conditional expectation (or population average value) of the dependent variable when the independent variables take on a given set of values. Less common forms of regression use slightly different procedures to estimate alternative location parameters (e.g., quantile regression or Necessary Condition Analysis[1]) or estimate the conditional expectation across a broader collection of non-linear models (e.g., nonparametric regression).

Regression analysis is primarily used for two conceptually distinct purposes. First, regression analysis is widely used for prediction and forecasting, where its use has substantial overlap with the field of machine learning. Second, in some situations regression analysis can be used to infer causal relationships between the independent and dependent variables. Importantly, regressions by themselves only reveal relationships between a dependent variable and a collection of independent variables in a fixed dataset. To use regressions for prediction or to infer causal relationships, respectively, a researcher must carefully justify why existing relationships have predictive power for a new context or why a relationship between two variables has a causal interpretation. The latter is especially important when researchers hope to estimate causal relationships using observational data

- The **unknown parameters**, often denoted as a scalar or vector β.
- The **independent variables**, which are observed in data and are often denoted as a vector X_i (where i denotes a row of data).
- The **dependent variable**, which are observed in data and often denoted using the scalar Y_i.
- The **error terms**, which are *not* directly observed in data and are often denoted using the scalar e_i.

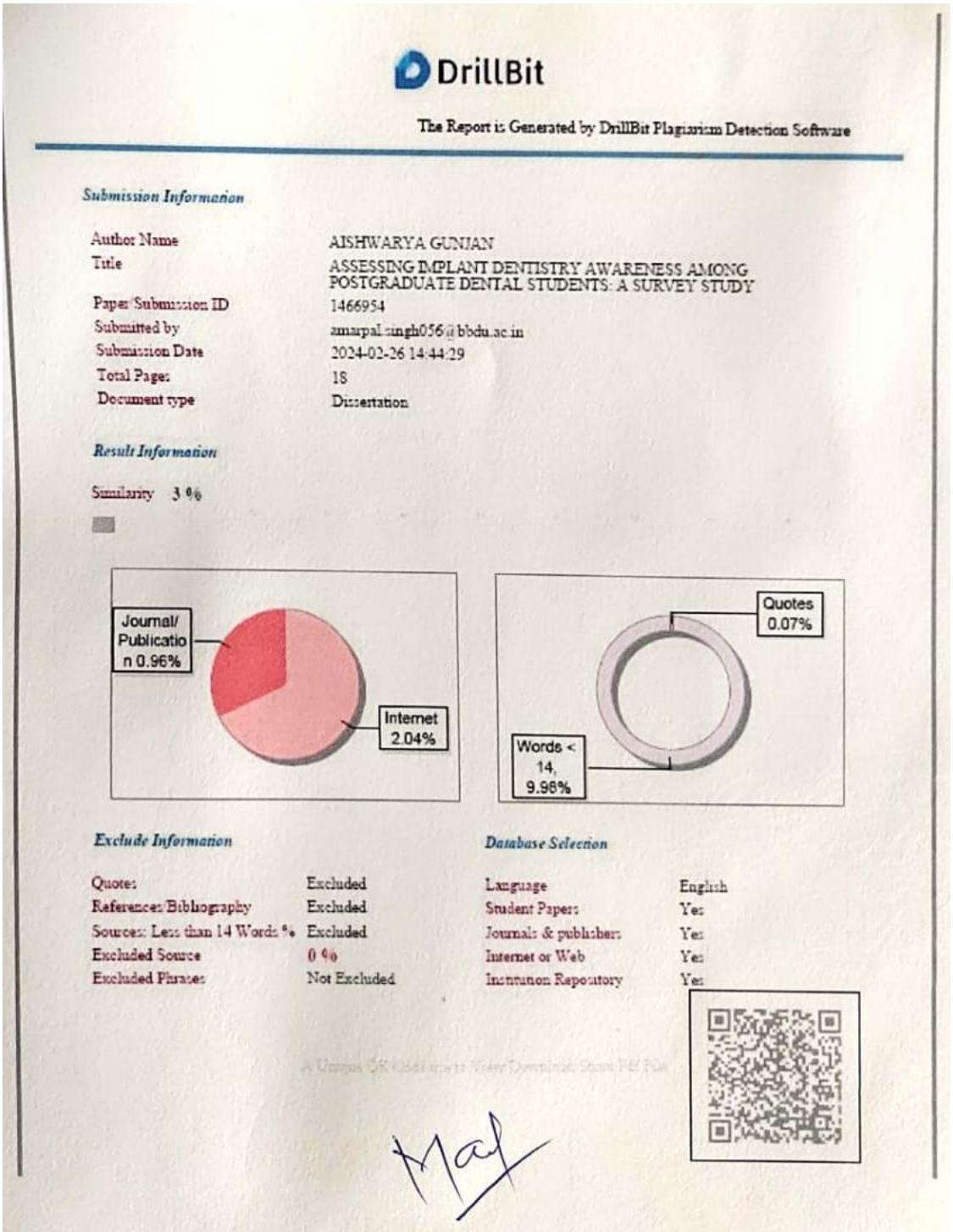
In various fields of application, different terminologies are used in place of dependent and independent variables.

Most regression models propose that Y_i is a function (**regression function**) of X_i and β, with e_i representing an additive error term that may stand in for un-modeled determinants of Y_i or random statistical noise:

$$Y_i = f(X_i, \beta) + e_i$$

ANNEXURE-V

PLAGIARISM REPORT



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